Claims Examining for the Energy Project Basic Course -- Resource Book



U.S. Department of Labor Employment Standards Administration Office of Workers' Compensation Programs July 2001

EEO/CPA

Resource Book

Training for Claims Examiners

ENERGY

EMPLOYEES

OCCUPATIONAL

COMPENSATION

PROGRAM

Act

Developed by:
John Vance
Richard Pearlstein
Cynthia Denton-Ade
Judy Blair

Table of Contents

INTRODUCTION	N	1
OVERVIEW OF	CLAIMS EXAMINING	2
The Job of	a Claims Examiner	3
Authorizing	g Benefits	4
	Individual Cases	
Managing A	A Caseload	6
	Customer Service	7
REVIEWING CL	AIMS	
Beryllium S	Sensitivity - Introduction	11
	ps for Beryllium Sensitivity	
	for Beryllium Sensitivity:	19
Chronic Be	ryllium Disease – Introduction	21
Process Ste	ps for Chronic Beryllium Disease (CBD)	22
	for Chronic Beryllium Disease:	
Silicosis – I	Introduction	33
Claims for	Silicosis	34
Follow-up f	for silicosis:	40
Cancer (nor	1 SEC) Introduction	43
Process Ste	ps for Cancer (non-SEC)	44
Follow-up f	ps for Cancer (non-SEC)	51
SEC Cancer	r	
Process Ste	ps for Cancer (Special Exposure Cohort Employment – SEC)	54
SEC	Specified Cancers	63
	Employment Conditions	
Follow-up f	for SEC Cancer claims:	65
Multiple Co	overed Conditions - Introduction	67
	troduction	
Process Step	ps for Uranium Workers under RECA	70
Survivor Cl	aims – Introduction	73
Handling St	urvivor Claims	74

INTRODUCTION AND INSTRUCTIONS

You have been hired as a Claims Examiner to manage claims filed under the Energy Employees Occupational Illness Compensation Program Act (EEOICPA). To help you gain the skills and knowledge necessary to perform your new job, this course was designed to give you techniques and practice in processing and managing these claims.

This Resource Book is one of several books you will use in this course. It contains factual information that will give you

- an overview of claims examining, and
- resource guidance for some of the basic examining tasks you will be performing on the job.

You will be using both this Resource Book and a Task Book. In general, the course will ask you to:

- Read certain pages in the resource book.
- Do specific tasks in the workbook.
- Check your answers against those given on answer sheets.

To get the most from this training, you should follow the directions precisely. Skipping steps, failing to read the resource book, or checking answers before (or instead of) writing your own answers to a given task will hinder your learning.

Also remember to write the answers to all tasks in your workbook.

The Job of a Claims Examiner:

Your job begins when you receive a claim from an individual who says he or she is ill as a result of exposure to radiation, beryllium, or silica while working for the Department of Energy (DOE), a DOE contractor, subcontractor, atomic weapons employer, or beryllium vendor. You can also receive claim forms from the survivors of employees who died as a result of their illnesses.

Your job will be to review the medical and employment documentation submitted, decide whether it meets the requirements of the law, and recommend accepting or denying the case. Deciding this is called **adjudicating** the claim. You must adjudicate cases solely on the basis of the **evidence** in the case. Your role is to be an impartial and objective adjudicator. This training will address further issues around evaluating evidence objectively later on.

If the evidence submitted with the claim shows that the requirements are met, your adjudication decision is to **accept** the claim. If the evidence clearly shows that the claim fails to meet the requirements your adjudication decision should be to **deny** the claim. However, you will very rarely have sufficient information to deny a claim the first time that you review it. It is far more likely that you will need to **develop** the case before you can adjudicate it.

Developing a case means requesting more evidence about any of the requirements that are in question. Under the EEOICPA, a claimant has the "burden of proof" for submitting the evidence to establish that a claim meets the requirements. You have the obligation to assist the claimant in getting the necessary information. You generally request the additional evidence from the claimant. However, you can also obtain evidence from other sources like a claimant's treating physician. You usually do this by writing a **development letter**. Later on in this course, you will learn what kind of adjudication information you need to request from whom.

In addition, you may need to get additional information from other Federal agencies, including the Department of Energy, Department of Health and Human Services, and Department of Justice. You will learn more about these requests during the training.

Once you make the adjudication decision in a case, whether this happens after your first review of a primary case or after you receive the additional evidence, you need to take certain actions based on your adjudication decision.

Whether you decide to accept or deny a case you need to write a **Recommended Decision** that includes a **finding of fact**, which explains your decision to the claimant. A finding of fact is the basis of a recommended decision and states the finding of the Claims Examiner in regard to medical and employment facts. The claimant can either challenge or accept the recommended decision.

Managing Individual Cases:

Authorizing lump sum payments and authorizing medical benefits are two of the actions you need to take in accepted cases. In addition, you need to manage accepted cases by taking timely and correct action to ensure that:

- 1. all payments due the claimant are provided promptly, and
- 2. the claimant DOES NOT receive benefits to which he or she is not entitled.

Techniques for case management will be described later in your training. Briefly, however, case management includes the following actions:

- Getting additional medical evidence when appropriate and evaluating the strength of that evidence, and
- Getting additional employment evidence when appropriate and evaluating the strength of that evidence, and
- Planning and controlling future actions through use of the computer system to track changes and developments in the case.

Providing Customer Service:

In the adjudication and management of claims you will be responding to telephone calls and written inquiries from claimants, congressional representatives or other interested parties.

It is expected that all DOL employees will treat claimants who call, write or visit with respect and courtesy. Phone calls are to be treated seriously and handled skillfully. This is especially important since many of the claimants may be sick and/or grieving.

Using the resources available to you in your District Office, and following OWCP procedures, you will handle all types of incoming and outgoing telephone calls. In doing so, you must effectively greet the individual, listen, identify the individual's needs, provide accurate, courteous, and timely information, solve any problems, and close the call.

As necessary, you must be able to place a caller on hold, transfer a call, and terminate a call for a valid reason. All of this must be done in a non-defensive manner.

The bulleted items below are things claims examiners in other OWCP programs wish they were better at on a regular basis

- Be able to "get on" and "get off" a call
- Not get drawn into lengthy discussions of the caller's past problems
- Follow through with promises
- Effectively handle emotional callers
- Be cordial and helpful without inviting extended histories, complaining, and venting
- Handle and deflect complaints about other examiners

Experience to date with the Call Center (that responds to questions about the program) is that claimants want to "tell their story." They have been waiting a long time for this program.

There is a "Telephone Skills" training course designed especially for claims examiners in OWCP that addresses the above points. If you have not already taken this course, you will take it at a later time.

REVIEWING CLAIMS

In order to adjudicate (or decide) a claim, you must first determine whether it includes items necessary to establish the illness being claimed.

Each illness being claimed has very specific requirements.

The step-by-step guidelines (process steps) and the follow-up checklists in this section will assist you in adjudicating claims for each specific illness under EEOICPA.

BERYLLIUM SENSITIVITY

Introduction to Beryllium Sensitivity

Beryllium is a strong, lightweight metal that has been used in the atomic weapon manufacturing process. While the dangers of working with beryllium were initially unknown, eventually it was discovered that inhalation of beryllium dust, particles or vapor could have serious health consequences. Most people who are exposed to beryllium will not develop a medical problem. However certain individuals develop a condition called beryllium sensitivity. When a person develops beryllium sensitivity, their body produces immunological response to the material in the body. Generally beryllium sensitivity does not produce any active physiological symptomology; however, a person sensitized to beryllium is at significant risk of developing chronic beryllium disease. A single exposure is sufficient to sensitize a person to beryllium. Several different types of skin and blood tests have been developed to determine if a person is sensitized to beryllium. The beryllium lymphocyte proliferation test (BeLPT) is the most effective diagnostic test for beryllium sensitivity.

The next pages show the steps for processing beryllium sensitivity claims.

Claims for Beryllium Sensitivity				
Steps	Outcomes	Notes		
4. Verify that the medical documentation supports a diagnosis of berylllium sensitivity.	If there is a diagnosis for beryllium sensitivity, go to Step 5. If the diagnosis is not clear, indicate this on the "follow-up" beryllium sensitivity checklist. If there is a fully rationalized diagnosis other than beryllium sensitivity or another EEOICPA illness, go to Step 11.	For more information on reading narrative medical reports and supporting information, see page 77 of the Resource Book. If "other lung condition" and "beryllium vendor" is checked on the EE-1 but there is not a diagnosis for beryllium sensitivity inform the employee that that he or she may consider being tested for the condition (i.e., having an LPT.)		

Steps	Outcomes	Notes
6. Request that DOE verify employment information.	If DOE confirms that the employment information is accurate and complete, go to Step 8.	Send DOE the employee's completed EE-3 (or equivalent) and an EE-5.
	196	If the claim originated at a
	If DOE confirms that the employment history is accurate and provides additional information about the employee's employment history, go to Step 8.	Resource Center, DOE may already have the employee's EE-3 and EE-5 on file.
	If DOE informs you the employment information is not accurate and provides you with	
	information explaining their position, go to Step 7.	
	If DOE has no employment information regarding the employee, go to Step 7.	

Steps	Outcomes	#4cm = p	Notes	- inter-
8. Review the "follow-up beryllium sensitivity checklist" and request additional medical and/or employment information, if necessary.	If you request addition information from the other concerned particular Development letter, and ays for a response art Step 9. If you do not need to information from the other concerned particular Step 9.	claimant or es, send a llowing 30 and go to request claimant or	responsibility medical and e information in process the cl you can obtai from other in sources. For employee's d	needed to aim. However, n information formed example, if the iagnosis is not y request more rom the
		ring den von in koloen et vildet i uits die groep valueren met	claim, see pag Resource Boo	formation on a ge 99 of the
			of inquiry to request for int the information received, the of "flagged" and	respond to the formation. If on is not claim is the claimant
	est set set	× ·	is notified that been given a 3 extension.	t he or she has 30-day
9. Perform a final assessment of the medical and employment evidence supporting the claim.	If you have evidence to recommend accepting go to Step 10. If you have evidence to recommend denying the to Step 11.	the claim,	This is your la to review all t supporting the	

Follow-up for Beryllium Sensitivity: Does Claim Include Items Necessary to Establish Illness?

Directions: Use this checklist as a guide for requesting additional information to help you decide how to adjudicate beryllium sensitivity claims. For each "no" answer, you will need to request additional information, as shown.

Yes	No	Item -	If "No," Ask:	And send a copy of form:
		Are medical records included?	Claimant to provide medical records including diagnosis.	EE-7
		Is there a copy of LPT included in the medical records?	Diagnosing physician (or claimant) to send an LPT test.	EE-7
		Is LPT test positive?	Physician (or claimant) to explain how a diagnosis of beryllium sensitivity was made without a positive LPT.	EE-7
		Is there a diagnosis of beryllium sensitivity?	Diagnosing physician (or claimant) to provide a fully rationalized diagnosis of beryllium sensitivity.	EE-7
		Is there an EE-3 or other kinds of comparable employment information for the employee?	Claimant to provide a completed EE-3 or other comparable employment information.	EE-3 (if not previously completed)

CHRONIC BERYLLIUM DISEASE

Introduction to Chronic Beryllium Disease

Once a person has been sensitized to beryllium, they have the potential to develop a much more serious medical condition called chronic beryllium disease (CBD). In some situations, the onset of CBD can be as long as 40 years after the initial exposure to beryllium. Essentially the disease impedes the ability of the lungs to process oxygen. Cells in the lung surround beryllium particles causing the development of granulomas or nodules. As more and more of these granulomas form, the lung function deteriorates. Symptoms associated with the disease include cough, shortness of breath, fatigue, fevers and night sweats. Imaging studies, pulmonary function studies or biopsies can confirm existence of the disease. Treatment includes a variety of anti-inflammatory medications including prednisone or dexamethasone. Advanced chronic beryllium disease can be terminal

The beryllium lymphocyte proliferation test (BeLPT) has a high predictive value for beryllium disease. It is also the most definitive means of ruling out beryllium disease as the cause of non-specific lung and other symptoms.

The following pages describe the steps for processing a claim for CBD.

	Claims for Chronic Beryllium Disease (CBD)				
Steps	Outcomes	Notes			
3. If the date of the diagnosis is on or after January	If the claim includes an LPT and one or more of the following:	The list of required medica documents appears on the EE-7 form under			
1, 1993, check to see if the correct medical tests were performed.	Lung biopsy showing granulomas or a lymphocytic process consistent with chronic beryllium disease	"Requirements for a Diagnosis of Chronic Beryllium Disease."			
	A computerized axial tomography (CAT) scan showing changes consistent with chronic beryllium disease	If "other lung condition" and "beryllium vendor" are checked on the EE-1 or EE 2 but CBD was not diagnosed, request			
	A pulmonary function study or exercise tolerance test showing pulmonary deficits consistent with chronic beryllium disease,	additional medical information from a licensed physician (MD).			
1 VI 1 V - EL	Then go to Step 5.				
	If the medical documentation does not include an LPT and one or more of the above tests, then indicate this on the				
	"follow-up" CBD checklist.				

great tractions. I HIS make

Steps	Outcomes	Notes
5. Verify that the medical documentation supports a diagnosis of CBD.	If the medical documentation shows a diagnosis of CBD, go to Step 6. If the diagnosis is not clear, indicate this on the "follow-up" CBD checklist and go to Step 6. If there is a fully rationalized diagnosis other than CBD or another EEOICPA	The tests performed before January 1, 1993 are indicative of CBD but may not specifically diagnose the disease. Therefore, you will need the interpretation of the test results by a qualified licensed physician (MD).
on half-laven mod com so March element seturged of our de manufacture to a	illness, go to Step 12. If the LPT is positive but the other tests for CBD are negative, follow the steps for beryllium sensitivity on page 12 of the Resource Book.	For more information on reading narrative reports and supporting information see page 77 of the Resource Book.

Steps	Outcomes	Notes
	Regulation Alert:	And Grandenic S
	EEOICPA regulations state that an em if he or she was employed or present a DOE facility or a	
	 Facility owned and operated by besor subcontractor of the DOE and we dust, particles, or vapor may have 	vas present when beryllium
	For chronic beryllium disease claims, I number of days that an employee must facility or for a beryllium vendor. A sin	have worked at a DOE
	This also applies to any civil officer or the government who was present at a s been present at one of the facilities des	ite where beryllium may have
Request that DOE verify employment information.	If DOE confirms that the employment information is accurate and complete, go to Step 9.	Send DOE the employee's completed EE-3 (or equivalent) and an EE-5.
	If DOE confirms that the employment history is accurate and provides additional information about the employee's employment history, go to Step 9.	If the claim originated at a Resource Center, DOE may already have the employee's EE-3 and EE-5 on file.
	If DOE informs you the employment	
	information is not accurate and provides you with information explaining their position, go to Step 8.	

Steps	Outcomes	Notes
9. Review the follow-up CBD checklist and request additional medical and/or employment information, if necessary.	If you request additional information from the claimant or other concerned parties, send a Development letter, allowing 30 days for a response, and go to Step 10. If you do not need to request information from the claimant or other concerned parties, go to Step 10.	It is the claimant's ultimate responsibility to provide the medical and employment information needed to process the claim. However, you can obtain information from other informed sources. For example, if the employee's diagnosis is not clear, you may request more information from the employee's physician by letter. For more information on requesting information on claim, see page 99 of the Resource Book. The claimant and others are given 30 days from the date of inquiry to respond to the request for information. If the information is not received, the claim is "flagged" and the claimant is notified that he or she has been given a 30-day extension.
10. Perform a final assessment of the medical and employment evidence supporting the claim.	If you have evidence to recommend accepting the claim, go to Step 11. If you have evidence to recommend denying the claim, go to Step 12.	This is your last opportunity to review all the evidence supporting the claim.

Follow-up for Chronic Beryllium Disease (CBD) Does Claim Include Items Necessary to Establish Illness?

Directions: Use this checklist as a guide for requesting additional information to help you decide how to adjudicate chronic beryllium disease claims. For each "no" answer, you will need to request additional information, as shown.

Yes	No	Item	If "No," Ask:	And send a copy of form:
		Are medical records included?	Claimant to provide medical records including diagnosis.	EE-7
f.cu q.		If the date of diagnosis on or after January 1, 1993, is there an LPT in the medical records and 1 or more of following tests? Lung biopsy CAT scan Pulmonary function study or exercise tolerance test	Physician (or claimant) to send 1 or more of the missing tests showing positive results for CBD.	EE-7
		If date of initial diagnosis is before January 1, 1993, are there at least 3 or more tests in the medical report? X-ray or CAT scan Restrictive/obstructive lung physiology or diffusion test CBD lung pathology Clinical course consistent with chronic respiratory disease Immunologic tests showing beryllium sensitivity	Physician (or claimant) to send 3 or more tests showing positive results for CBD.	EE-7
		Is there a diagnosis of CBD?	Diagnosing physician (or claimant) to provide a fully rationalized diagnosis of CBD.	EE-7

F	FO	CPA	Resource	e Book
_			IZESUUIU	C DUUK

Reviewing Claims Silicosis

SILICOSIS

Introduction to Silicosis

Silicosis is a respiratory disease of the lungs that results from the inhalation of airborne crystalline silica dust. The dust contains silica particles that can, over time, cause scar tissue formations in the lungs. When workers inhale silica, the lung cells and tissue gradually develop nodules (a clump or cluster of cells) around the trapped silica particles. If the nodules continue to grow, at some point the respiratory functions of the lungs deteriorate. This can cause shortness of breath, cough, fatigue and other symptoms. Silicosis also makes an individual susceptible to infection. Silicosis is treated much like CBD with the use of anti-inflammatory medications.

The next pages show the steps for processing silicosis claims.

Claims for Silicosis						
Steps	Outcomes	Kykyto i se nasije	Notes	4.17		
3. Verify that the medical documentation supports a diagnosis of chronic silicosis.	If the medical documentation shows a diagnosis of silicosis, go to Step 4. If the diagnosis is not clear, indicate this on the "follow-up" silicosis checklist and go to Step 4. If there is a fully rationalized diagnosis other than silicosis or another EEOICPA illness, go to Step 10.		Claimants must show a 10- year latency period for silicosis (i.e., a 10 year perio between exposure to silica and the diagnosis of chronic silicosis.) If the diagnosis of chronic fibrosis appears in the physician's report, then ask for a clarification from the claimant and/or a licensed			
estrosers ed kroft iner	* Billings	i mate di Jeria	ica m			
	Within the entire of the second		For more information	mation on		
	्रा विशास का स		reading narrative reports and sup			
		Pranti Io. a III	information, se	e page 77 of		
			the Resource B	ook.		
triuman derividuale		mavides additions				
- Ugjo Z - Li Luc Z. gál						



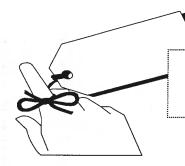
Regulation Alert:

EEOICPA regulations state that, "The employee is a DOE employee or a DOE contractor employee, who was present for a number of work days aggregating at least 250 work days during the mining of tunnels at a DOE facility located in Nevada or Alaska for tests or experiments related to atomic weapons; and has been diagnosed with chronic silicosis." (§30.215a)

Claims for Silicosis		
Steps	Outcomes	Notes
6. Determine if additional information is needed to support employee's employment/presence at a DOE facility.	If additional employment information is needed, indicate this on the "follow-up" silicosis checklist and go to Step 7.	To provide proof of employment, claimants may provide any trustworthy "contemporaneous records" such as: Records created by any government agency, by any regular business activity Time and attendance forms Minutes from a meeting that lists the participants at a meeting Punch card Wage statements Sign in and sign out forms from logbooks, etc. Security clearance
Seguil Bay to pare of the particle of the part		You must have sufficient written documentation that the employee worked during the mining of tunnels at a either DOE facility in Nevada or Alaska for a combined total of 250 workdays. For example, the employee could have at the Nevada site for 50 days and the Alaska site for
amiska 974 derektingen		200 days. Employment history affidavits (EE-4) may be used if written employment records are not available. For more information on requesting information on a claim, see page 99 of the Resource Book.

Claims for Silicosis			
Steps	Outcomes	Notes	
9. Recommend acceptance of the chronic silicosis	If you are recommending that the claim be accepted, send a letter notifying the claimant that a	Forward your recommendations to FAB.	
claim.	recommended decision has been made.	The claimant may waive his or her right to a review of the written record or a hearing.	
10. Recommend denial of the chronic silicosis claim.	If you are recommending that the claim be denied, send a letter notifying the claimant that a recommended decision has been	Forward your recommendations to FAB. The claimant will have 60 days to challenge the	
rig 7 ginnands.	made.	days to challenge the recommended decision by requesting a hearing or a review of the written record by FAB.	
	margaretti i ilia	IN THE STATE OF TH	

Yes	No	. Item	If "No," Ask:	And send a copy of form:
	0	Did the DOE confirm the employment information (i.e., employment/presence at DOE sites in Nevada or Alaska for at least 250 workdays)?	Claimant (or past employer) to provide additional written employment records such as personnel records, pay stubs, etc.	
			Claimant to provide employment history affidavits if written records are not available.	EE-5



Reminder: The claimant has the ultimate responsibility to provide evidence supporting his or her claim.

Process Steps - Cancer (non-SEC)

CANCER (non-SEC)

Introduction to Cancer Cases

Under the Energy program, any type of diagnosed cancer is potentially covered. In order to establish eligibility to benefits under the program, a determination must be made in regards to whether or not a diagnosed cancer is causally related to radiation exposure during covered periods of employment. The first step in this process is determining the presence of a diagnosed cancer. Second, it is necessary to determine all the periods of covered employment where the employee was potentially exposed to radiation. Third, the Department of Health and Human Services must review the case in order to make a determination concerning the amount of radiation the worker was exposed to during the course of his or her employment. This process is called a dose reconstruction. Finally, the Department of Labor uses the dose reconstruction to determine the probability that the diagnosed cancer was as likely as not (50% or greater) to have been caused by radiation exposure on the job.

The next pages show the steps for non SEC cancer claims.

Claims for Cancer (Non-SEC)			
Steps	Outcomes	Notes	
3. Verify that the medical documentation supports a diagnosis of cancer.	If the medical documentation shows a diagnosis of cancer, go to Step 4. If the diagnosis is not clear, indicate this on the "follow-up" cancer checklist and go to Step 4.	For more information on reading narrative medical reports and supporting information, see page 77 of the Resource Book.	
4. Identify if the "Department of Energy Facility" or "Atomic Weapons" was checked as the employment classification on the EE-1 or the EE-2 form.	If one of these boxes was checked, look at the EE-3 form to see where the employee worked. Using the DOE list, verify that the facility is listed as a place where radioactive materials were used. Then go to Step 5.	The Department of Energy (DOE) has produced a list of facilities where radioactive and beryllium materials were used. The list is arranged alphabetically by state and facility. See page 147 of the Resource Book. If the employee did not supply the EE-3 or other kinds of employment records with the initial claim, you will need to contact the claimant so that he or she can complete form EE-3 before you proceed to Step 5.	

Claims for Cancer (Non-SEC)				
Steps 8.4794	Outcomes		Notes	
6. Determine if additional information is needed to support employee's employment/presence at a DOE facility or an Atomic Weapons Facility.	If additional employ information is needed on the "follow-up" of and go to Step 7.	ed, indicate this cancer checklist	To provide proof of employment, claimants may provide any trustworthy "contemporaneous records such as: Records created by any government agency, by any regular business activity Time and attendance forms Minutes from a meeting that lists the participant at a meeting Punch card Wage statements Sign in and sign out forms from logbooks, etc. Security clearance Employment history affidavits (EE-4) may be used if written employment records are not available. For more information on requesting information on a claim, see page 99 of the Resource Book.	

Steps	Outcomes	Notes
9. Forward the claimant's application package to NIOSH for dose reconstruction.	When the claimant's package (including all relevant medical and employment information) is forwarded to NIOSH, hold the claim.	The package should include the entire case file, including all evidence, findings of fact, and forms. Notify the claimant that their package has been forwarded to NIOSH.
10. Resume claim adjudication.	When the NIOSH completes the dose reconstruction, you will receive notification from HHS. Then go to Step 11.	NIOSH will also notify the claimant that the dose reconstruction has been completed.
11. Apply algorithm to the dose reconstruction.	If the algorithm shows a cancer was "at least as likely as not (50% or greater) related to the employment at the DOE facility or atomic weapons employer facility", go to Step 12 and recommend acceptance of the claim. If the algorithm shows a cancer was	This step will be accomplished using a process TBD.
	less likely than 50% to be related to employment at the DOE facility or atomic weapons employer facility, go to Step 13 and recommend denial of the claim.	s ***
	Go to either Step 12 or to Step 13	
12. Recommend acceptance of the cancer claim.	If you are recommending that the claim be accepted, send a letter notifying the claimant that a recommended decision has been made.	Forward your recommendations to FAB. The claimant may waive his or her right to a review of the written record or a hearing.

Follow-up for Cancer (Non-SEC) Claims: Does Claim Include Items Necessary to Establish Illness?

Directions: Use this checklist as a guide for requesting additional information to help you decide how to adjudicate a cancer claim. For each "no" answer, you will need to request additional information, as shown.

Yes	No	Item	. If "No," Aşk:	And send a copy of form:
		Are medical records included?	Claimant to provide medical records including diagnosis.	EE-7
		Are the following provided with the claim? - A medical report with the diagnosis of cancer and the date of diagnosis - A pathology report that forms the basis for diagnosis	Diagnosing physician (or claimant) to send the missing complete medical reports.	EE-7
		Is there an EE-3 or other kinds of comparable employment information for the employee?	Claimant to provide a completed EE-3 or other comparable employment information.	EE-3 (if not previously completed)
		Did the DOE confirm the employment information?	Claimant (or past employer) to provide additional written employment records such as personnel records, pay stubs, etc. Claimant to provide employment history affidavits if written records are not available.	EE-5

SEC CANCER

Introduction to Special Exposure Cohort

The statute provides for the Department of Labor to forgo the dose reconstruction process for certain individuals who have been diagnosed with particular cancers and worked at certain locations. Individuals who meet the medical and employment criteria for inclusion in the Special Exposure Cohort do not have to have their cases sent to the Department of Health and Human Services for a dose reconstruction. Rather, there is a presumption of causation between the employment and diagnosed cancer.

The SEC locations include:

- 1.Paducah, Kentucky,
- 2. Portsmouth Ohio,
- 3.Oak Ridge, Tennessee, and
- 4. Amchitka Island, Alaska

Oak Ridge, Tennessee: The trick for the Claims Examiner is to identify SEC vs. non-SEC types of cancer. When you see Oak Ridge, TN, ask: "Did they work at a gaseous diffusion plant?" The facilities at Oak Ridge are extremely large and sprawling. There are communities of buildings. A gaseous diffusion plant is just one type of facility among lots of other activities going on in the community.

Portsmouth Ohio is smaller—there is just the gaseous diffusion plant.

Amchitka Island, Alaska was the site of nuclear testing where workers m ay have been exposed to radiation. Long Shot, Milrow, and Cannikin were the names of experiments that were conducted there.

If a claimant fails to meet the SEC medical criteria, but meets the employment criteria, then s/he must go through the regular dose reconstruction process for a non-SEC cancer.

The next pages show the steps for SEC cancer claims. Charts identifying the specified cancers and employment conditions follow them.

Steps	Outcome		Notes	
3. Check to see if claim includes the required medical reports for a diagnosed cancer.	 A diagnosis of condate of diagnosis A pathology repethe basis for diagnosis Then go to Step 4. If the medical report those listed, then incomfollow-up" SEC can be a secondary of the secondary	ancer with the s. ort that forms gnosis, as do not include licate this on the	The list of requestreports appear form under "R for a Diagnose of the Engloye deceased, you be flexible about pathology reports."	s on the EE-7 Lequirements ed Cancer." ee is long may need to out requiring a
4. Verify that the medical documentation supports a diagnosis of a "specified" cancer.	If the medical documa diagnosis of cancer of the diagnosis is not this on the "follow-uchecklist and go to Sold If there is a fully rational diagnosis for other the thorough the diagnosis for other the theorem another EEOICPA Step 12.	et clear, indicate up" SEC cancer step 5. onalized nan SEC cancer	For more infor reading narrati reports and sur information, set the Resource E	ve medical oporting see page 77 of

Reviewing Claims
Process Steps-Cancer (SEC)

Steps	Outcome	Notes
6. Check to see if employee wore dosimetry badge or worked in a job that	If the employee was employed at any job at a gaseous diffusion plant, go to Step 7.	Regulations state that a job was monitored through the use of a dosimetry badge for exposure to radiation or that
was comparable to a job that was monitored through the use of a	13 121 Frequency 18 tac complex curvi lucture, a dia 214 curvi- preveles adeitment information at ar	the job was not badged, but had a comparable exposure.
dosimetry badge.	alegar, men sum sum vertus. Alegar, men sum	1
	assumment of the property of the second second of the seco	as a job that wore a dosimetry badge.
	reduction space down in the result.	
	the actual control and a relative	
	The state of the s	
127		

Steps	Outcome	Notes
8. Determine if additional information is needed to support employee's employment/presence at an approved site for at least 250 workdays.	If additional employment information is needed, indicate this on the "follow-up" SEC cancer checklist and go to Step 9.	To provide proof of employment, claimants may provide any trustworthy "contemporaneous records" such as: Records created by any government agency, by any regular business activity Time and attendance forms Minutes from a meeting that lists the participants at a meeting Punch card Wage statements Sign in and sign out forms from logbooks, etc.
n stoling filler of the kertif Nir of hindless to a linual of		Security clearance The employee must have worked a total of 250
The remaining and results of the control of the con		workdays across all SEC designated sites. For example, the employee could have worked at Paducah, Kentucky for 25 days, and at Oak Ridge, Tennessee for 225 days.
		Employment history affidavits (EE-4) may be used if written employment records are not available.
		For more information on requesting information on a claim, see page 99 of the Resource Book.

Steps	Outcome	Notes
10. Perform a final assessment of the medical and employment evidence supporting the claim.	If you have evidence to recommend accepting the claim (i.e., the claim meets SEC medical and employment conditions), go to Step 14. If you have evidence to recommend denying the claim (i.e., the employee has not worked at either an SEC or non SEC cancer-covered site), go to Step 15. If the medical evidence does not support cancer, go to step 15. If the employee is found to have a non-SEC specified cancer, go to	This is your last opportunity to review all the evidence supporting the claim.
Telenomente de la company de l	Step 11. If the employee worked less than 250 days at an approved site, go to step 11.	The many or
11. Forward the claimant's application package to NIOSH for dose reconstruction.	When the claimant's package (including all relevant medical and employment information) is forwarded to NIOSH, hold the claim.	The package should include the medical evidence and forms including the EE-1 or EE-2, EE-3, EE-4, the EE-5. Notify the claimant that their package has been forwarded to NIOSH.
2. Resume claim adjudication.	When the NIOSH completes the dose reconstruction, you will receive notification from HHS. Then go to Step 12.	NIOSH will also notify the claimant that the dose reconstruction has been completed.

SEC Specified Cancers

Type of Cancer	Except	Onset after at least	Occurring after the age of
Leukemia	Chronic lymphocytic leukemia	2 years after first exposure	20
Lung cancer	In situ cancer discovered during or after a post-mortem exam (i.e., diagnosed after death)		
Lymphomas	Hodgkin's	5 years after first exposure	
Multiple myeloma		5 years after first exposure	
Primary cancer of the: Thyroid Male or female breast Esophagus		5 years after first exposure	
 Stomach Pharynx Small intestine Pancreas Bile ducts Gall bladder Salivary gland Urinary bladder Brain Colon Ovary Liver (except if cirrhosis or 			

Follow-up for SEC Cancer Claims: Does Claim Include Items Necessary to Establish Illness?

Directions: Use this checklist as a guide for requesting additional information to help you decide how to adjudicate a cancer claim. For each "no" answer, you will need to request additional information, as shown.

	Yes	No	<u>Item</u>		And send a copy of form:
			Are medical records included?	Claimant to provide medical records including diagnosis.	EE-7
	0	· 一	Are the following provided with the claim? - A medical report with the diagnosis of cancer and the date of diagnosis - A pathology report that forms the basis for diagnosis	Diagnosing physician (or claimant) to send the missing complete medical reports.	EE-7
			Is there an EE-3 or other kinds of comparable employment information for the employee?	Claimant to provide a completed EE-3 or other comparable employment information	EE-3 (if not previously completed)
			Did the DOE confirm the employment information (i.e., employment worked at one or more approved sites for at least 250 workdays)?	Claimant (or past employer) to provide additional written employment records such as personnel records, pay stubs, etc.	
				Claimant to provide employment history affidavits if written records are not available.	EE-5

Processing Claims - Multiple Covered Conditions

MULTIPLE COVERED CONDITIONS

Introduction to multiple covered conditions:

Claimants may sometimes list more than one covered medical condition. As claims examiner, you will adjudicate ALL medical conditions claimed, developing the evidence for each claimed condition concurrently. However, some claims are more difficult to prove than others are.

Because your goal is to award medical coverage and lump sum payments as quickly as possible to qualifying claimants, you would never hold up benefits for one condition while waiting to develop evidence on another.

The table on the next page shows the order in which to complete claims for two or more medical conditions.

Directions: Look across a row to see a combination of a condition in the left column with any of the conditions shown in the top row. Each cell shows a combination of two claimed conditions, and a suggested sequence for processing them.

Example: if you want to see what to process first if the claimant lists both CBD and cancer, find CBD in the left column and look across the row until you come to the CA column. The cell at the intersection says "process CBD first," and gives an explanation.

RECA CLAIMS

Introduction to RECA

In 1990 Congress passed a law called the Radiation Exposure Compensation Act. The program provides compensation benefits to certain miners, millers and transporters of uranium ore. Anyone qualifying for benefits under the RECA are entitled to receive compensation in amounts between \$50,000 - \$100,000. The Energy Employees Occupational Illness Program Act allows for a supplemental payment of \$50,000 to be made to individuals who received \$100,000 under Section 5 of the RECA. The people covered under Section 5 of RECA only include uranium miners, millers or ore transporters.

There are no development letters for Claims Examiners to write in this process, although you may need to prepare letters requesting copies of award letters.

Si	teps	Outcomes	Notes
3.	Request that claimant send a copy of the RECA Award letter received from the Department of Justice.	Send a letter to the claimant, allowing 30 days for the claimant to submit a copy of RECA Award letter, and go to Step 4.	For an example of a letter, see page 107 of the Resource Book. The claimant is given 30 days from the date of inquiry to submit the copy. If the copy is not submitted within the 30 days, the claim is "flagged" and the claimant is notified that he or she has been given a 30-day extension.
4.	Perform a final assessment of the evidence supporting the claim.	If you have evidence to recommend accepting the claim, go to Step 5. If you have evidence to recommend denying the claim, go to Step 6.	This is your last opportunity to review all the evidence supporting the claim.
***************************************		Go to either Step 5 or to Step 6	
5.	Recommend acceptance for uranium workers under RECA.	If you are recommending that the claim be accepted, send a letter notifying the claimant that a recommended decision has been made.	Forward your recommendation to Final Adjudication Branch (FAB). The claimant may waive his or her right to a review of the written record or a hearing.

SURVIVOR CLAIMS

Introduction to survivor claims:

If an employee eligible for EEOICPA benefits has died one or more of his/her survivors may file a claim under EEOICPA. Whenever a survivor files a claim the chart on the next 2 pages details the necessary steps to be followed.

4. Using the chart below, determine the correct amount of payment for all eligible living survivors.

If the covered employee has a surviving	But no	Then the lump sum will be paid
Widow or widower	Child or children	To the widow or widower
Widow or widower and a Child or children		Half to the widow or widower and half to the child or children in equal shares
Child or children	Widow or widower	To the child or children in equal shares
Totally or partly dependent parent or parents, brother, sister, grandparent, grandchild	Widow, widower, child or children	To the eligible survivors in equal shares

- 5. If the claim is approved, decide on how the claim will be paid out.
 - EEOICPA specifies that the lump sum payment will be made to the claimant or to the legal guardian of the claimant.

Reading Narrative Medical Reports

READING NARRATIVE MEDICAL REPORTS AND SUPPORTING INFORMATION FOR EEOICPA CLAIMS

A claimant filing a claim under the EEOICPA may submit a variety of medical evidence, including:

- A narrative medical report from a physician, and
- Supporting information, such as:
 - -- Lab tests, e.g., an LPT
 - -- B-reader X-ray interpretation reports
 - -- CAT scan reports
 - -- Autopsy results (in the case of a survivor claimant)

Reading a Physician's Narrative Report

Examine the narrative to make sure the information you need is there and that it is of sufficient quality to be useful. Typically a narrative medical report will include:

- A history of the illness
- Physical findings from an examination
- Diagnostic test results, including lab tests and other diagnostic procedures
- A diagnosis
- A recommended course of treatment

As you will see, a well-rationalized diagnosis supported by required test and pathology reports is the key element. The following sections describe criteria that you, the Claims Examiner (CE) may use to evaluate each of the parts of a narrative medical report.

History of the illness

This section must demonstrate that the reporting physician has a consistent and accurate knowledge of the history of the illness, given the employee's claim, history, and other medical findings. The physician should describe:

- An initial date of diagnosis, and any developments since this date
- A clear description of any causative factors
- Any family history that predisposes the patient to the diagnosed condition
- In addition, if treatment has already begun, the physician should describe:
- Forms of treatment that have been used and are currently in use
- Any advances or setbacks resulting from the recommended treatment

If any of this information is missing or inconsistent with other information in the medical report, you may want to request clarification from the physician.

Medical Reports Reading Narrative Medical Reports

141	Example of Adequate Physical Findings	Example of Inadequate Physical Findings	Comment
1	"Mr. Hawkins came in for his regular physical examination to monitor the course of his chronic silicosis. He presents with severe SOB [shortness of breath], cyanotic skin color, and productive cough. He cannot walk the length of the entry corridor without use of his inhaler. The examination was interrupted three times by his coughing spasms."	"Mr. Hawkins is here today for his annual check-up for silicosis. He presents with cough and SOB. He is taking his medication daily and denies the need for additional medication."	In the adequate example, physical findings are listed, and include outward signs consistent with the disease. The inadequate example lists only sketchy physical findings. The degree of coughing and shortness of breath is not specified, and no other physical findings are presented.
2	"The patient has chronic berylliosis, as evidenced by his positive LPTs and consistent lung biopsy. His severe, productive coughing and difficulty walking are consistent with berylliosis."	"The patient has berylliosis. While his breathing appears normal and he does not appear fatigued, his LPTs are positive and he has clearly been exposed to beryllium dust on the job."	The adequate physical findings are linked to the diagnosis, while the inadequate ones do not support the diagnosis. Note, too, that in the inadequate case, the LPT alone is not sufficient to support the diagnosis.
3	"The patient complains of night sweats and extreme fatigue, reporting that he often finds it hard to get out of bed. This is consistent with the productive cough and difficulty breathing observed during the exam. The lab tests support a diagnosis of CBD. Details follow"	"My impression is that the patient is suffering from silicosis. The patient complains of severe fatigue and SOB, consistent with silicosis. His pulmonary functions were borderline. During the exam, he appeared full of energy, frequently pacing while I asked questions. When I asked about his energy level, he stated that he'd had a double skinny latte machiatta on the way to the exam. We will need to run further tests to corroborate the diagnosis."	The adequate example shows the relationship between patient's complaint and physical findings. The inadequate example presents a diagnosis as if the patient's complaint were supported by the physical findings, when, in fact, they were not.

Here are some examples of adequate and inadequate diagnoses:

10	Example of Adequate Diagnosis	Example of Inadequate Diagnosis	Comment		
1	"The patient has chronic berylliosis, which appears to have increased in severity over the past several years." "The patient has some form of pulmonary fibrosis, which may have resulted from environmental exposure to inorganic or organic substances."		In the adequate example, the diagnosis is clear, specific, and recognized. In the inadequate example, the diagnosis is clear and recognizable, but not sufficiently specific. What has caused the pulmonary fibrosis? it a result of exposure to inorgan substances, such as silica, beryllium, or coal dust?		
2	"The patient suffers from an advanced stage of non-Hodgkin's Lymphoma"	"The patient has an atypical pneumoconiosis accompanied by a reactive dermatitis."	The adequate example is clear, specific, and recognizable. The inadequate example is not clear: Is the diagnosis of dermatitis related to that of pneumoconiosis? What is the type of pneumoconiosis and why is it atypical?		
3	"Mr. Dole has CBD. Two blood Be-LPTs were positive. Recent pulmonary function studies revealed a moderate to severe restriction, as evidenced by the significantly decreased FEV1. The recent bronchoscopical biopsy was positive for granulomas consistent with CBD."	"Mr Dole has a beryllium- related pulmonary condition. He has a borderline LPT. CBC shows an elevated white blood count. Chest X-rays are consistent with pneumoconiosis."	The adequate example offers a clear diagnosis, with supporting lab and pathology tests. The inadequate example is unclear, and the disease is not specified clearly-enough to be recognizable. Is the diagnosis for beryllium sensitivity, CBD, or something else?		

The diagnosis must be well-rationalized

In addition to being clear, specific, and recognized, diagnoses (or opinions, or conclusions) must be well-rationalized, sometimes called "fully-rationalized." A well-rationalized diagnosis shows how the physician logically reached conclusions based on the patient's complaints, physical findings, lab test results, pathology reports, and any other diagnostic test results.

Recommended course of treatment

Sometimes, the physician will recommend treatment along with the diagnosis. A recommended treatment is not needed to make a recommended decision, but will be needed for medical coverage claims. A recommended treatment should:

- Clearly specify a course of treatment, a plan for providing treatment
- State the objective of the treatment, the benefits to the patient
- State an approximate timeline, decision points or milestones in the treatment plan
 - -- For example, a surgical procedure might be recommended for a cancer, followed by a 16-week course of chemotherapy or a month-long course of radiation therapy, depending on surgical outcomes.
- Explain how the treatment follows from the diagnosis

If the recommended course of treatment fails to meet one or more of these criteria, you should ask the physician for clarification.

The table below shows the most common course of treatment for the main EEOICPA medical claims:

Type of Claim	Typical Course of Treatment				
Beryllium sensitivity	Monitoring for CBD indefinitely. If CBD develops, course will switch to CBD treatment.				
CBD	Steroid medication, oxygen therapy as needed. Other treatments are given as needed to reduce factors that would exacerbate CBD, for example, antibiotics for bacterial infections.				
Silicosis	Treatment is primarily for relief of symptoms and reduction of complications. For example, bronchodialators may be used to improve breathing, steroids to reduce bronchial inflammation, antibiotics for infection control, and antispasmodics for bronchial spasms.				
Leukemia	Treatment of acute leukemia aims primarily to achieve remission through drugs, radiation, and chemotherapy. In some cases, bone marrow transplantation may be used.				
Lung cancer	Typical courses of treatment include some combination of surgery, radiation, and chemotherapy, although not necessarily all three. Sometimes surgery precedes the other types of treatment, but in some cases, tumor mass is reduced by other treatments prior to surgery.				
Other cancers	Courses of treatment may vary widely. Consult physician for details.				

Type of claim	Requires these test results	Examples of positive findings are on page:	Examples of normal findings are on page:				
CBD diagnosed on or after	Beryllium sensitivity as established by a Be-LPT, AND at	Note: Examples of the those shown for CBD	se tests are included in diagnosis before 1993.				
Jan 1, 1993	least 1 of these 3 tests:	east 1 of these 3 ests: (a) (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c					
	(1) Lung biopsy showing granulomas or a lymphocytic process consistent	93 for (1) lung biopsy pathology report	91 for(1) lung biopsy pathology report				
	with CBD, (2) CAT scan showing changes consistent with CBD, (3)	90 for (2) CAT scan	90 for (2) CAT scan				
	pulmonary function study or exercise tolerance test showing pulmonary deficits consistent with CBD.	91 for (3) pulmonary function studies	90 for(3) pulmonary function studies				
Silicosis	At least one of these three tests:	o similares, lo massis	nunciaes qualities ng Bak assistantin ni 1982 wil baliwasa				
arm baw	1. X-ray interpreted by a B-reader	95 for (1) X-ray B-reader report	94 for (1) X-ray B-reader report				
AMEN'N IN I	2. CAT scan3. lung biopsy	CAT scans for Silicosis are not available. See page 95 for paragraph on chronic silicosis. See page 90 for CBD CAT scan reports, which are similar.					
	e-turscens yaiD said? Copules when come	See page 95 for paragra "Lung Biopsies." Also lung biopsy pathology i similar.	see 91-93 for CBD				
Cancer	Tests vary widely, but often include (1)	96 for (1) tissue biopsy	96 for (1) tissue biopsy				
	tissue biopsies and (2) blood tests	No examples at this time references to cancerous					

Examples of Medical Reports

EXAMPLES OF NARRATIVE REPORTS WITH WELL-RATIONALIZED AND POORLY-RATIONALIZED DIAGNOSES

Excerpt from a narrative report with a well-rationalized diagnosis

As you read this excerpt, note that the diagnosis ("medical opinion") includes:

- sufficient diagnostic procedures, in this case positive Be-LPTs and a lung biopsy consistent with chronic beryllium disease
- interpretation of diagnostic procedures' findings—LPT plus granulomatous lung biopsy equals CBD
- a logical path linking all evidence, and is plausible
- a mechanism for how the illness may have been caused

"Mr. Robert E. Reynolds was evaluated at our facility in April 2001. During his evaluation, we determined that he has Chronic Beryllium Disease. Specifically, he had a history of beryllium exposure as an inspector at a number of DOE facilities and beryllium vendor facilities throughout the country. He was primarily stationed in administrative buildings, but was placed in warehouses and production facilities on a number of occasions. Specifically, he was in building 282 at Rocky Flats, which was used as a beryllium machining facility, and at other buildings that also housed beryllium processing facilities. He had not other potential exposure to beryllium in other occupations or in non-occupational settings.

"As a result of his work for DOE, Mr. Reynolds underwent beryllium lymphocyte proliferation testing. These returned abnormal from 1997 and 2000, confirming a diagnosis of beryllium sensitivity. We performed the evaluation reported here in April 2001 as a follow up on this sensitization. Of particular note, during this evaluation, we performed a bronchoscopy and took a biopsy of lung tissue. The biopsy revealed evidence of granulomatous lung disease. The granulomas, which are consistent with Chronic Beryllium Disease, coupled with Mr. Reynold's beryllium sensitivity are telling. It is my medical opinion that Mr. Reynolds has Chronic Beryllium Disease, an interstitial lung disease, which can result in significant respiratory impairment.

"Also of note, Mr. Reynolds has had significant symptoms of shortness of breath and profound fatigue, which I believe are also related to his Chronic Beryllium Disease. Because of his profound fatigue, he has been unable to return to work.

"I have recommended the following as a course of treatment for Mr. Reynolds:

- 1. Continued avoidance of exposure to beryllium. This is critical.
- 2. Reduction of work schedule—his condition precludes the capacity to complete a full day's work.
- 3. Follow-up to determine profession of his disease, yearly at a minimum, with testing potentially to include pulmonary function tests and exercise test to evaluate the severity of his disease and the need for treatment."

EXAMPLE LAB TESTS AND PATHOLOGY REPORTS

Beryllium LPTs to establish beryllium sensitivity

Example that is negative (normal) for beryllium sensitivity:

	Reps	Median	S.I.	C.V.
Control	12	1750		0.20
D5Be1	4	2451	1.40	0.13
D5Be10	4	1759	1.00	0.23
D5Be100	4	2044	1.17	0.33
Control	12	1925	-11-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	0.64
D7Be1	4	1345	0.70	0.14
D7Be10	4	2014	1.05	0.61
D7Be100	4	658	0.34	0.02
PHA	4	158549	90.60	0.35
CONA	4	226505	129.43	0.11

Interpretation: The patient has a NORMAL beryllium lymphocyte proliferation test (Be-LPT). The patient's blood cells display a normal response to mitogens and a normal response to beryllium sulfate. As defined by the Committee to Accredit Beryllium Sulfate Sensitivity Testing (CABST), "an abnormal LPT is one in which 2 or more beryllium stimulated points exceed the mean peak SI + 2 SD for laboratory controls." The control mean peak SI + 2 SD is 4.1 for the current serum supplement.

Example that is positive (abnormal) for beryllium sensitivity:

	Reps	Median	S.I.	C.V.	
Control	12	1198		0.34	
D5Be1	4	1904	1.59	0.13	
D5Be10	4	6142	(5.13)	0.23	and the second second
D5Be100	4	1470	1.23	0.33	
Control	12	4016		0.64	東京と共和のと現場
D7Be1	4	6251	1.56	0.14	
D7Be10	4	17090	4.26	0.61	
D7Be100	4 1	/1985	1.99	0.02	
PHA	4 11 11 11	154648	129.09	0.35	
CONA	4	237909	198.59	0.11	

Interpretation: The patient has an ABNORMAL beryllium lymphocyte proliferation test (Be-LPT). The patient's blood cells display an abnormal response to beryllium sulfate. As defined by the Committee to Accredit Beryllium sulfate Sensitivity Testing (CABST), "an abnormal LPT is one in which 2 or more beryllium stimulated points exceed the mean peak SI + 2 SD for laboratory controls." The control mean peak SI + 3D is 4.1 for the current serum supplement.

Note: These are the two abnormal values that exceed the control mean peak SI by more than two standard deviations, which is show as 4.1 in the "Interpretation."

Example Lab Tests & Pathology Reports

Example of positive (abnormal) pulmonary function:

Spirome	Ref	Pre Meas	Pre % Ref	Post Meas	Post % Ref	Post Chnq	
FVC FEV1 FEV1/FVC	Liters Liters %	4.50 3.45	2.25 1.67	50			- 11 -
FEF25-75% PEF MVV	L/sec L/sec L/min						
Lung Vol	ume				11 12 17 17	1 10 1	11.3
TLC		5.20	4.46	86	1	Note: These values are so low as to make this	
TGV		3.15	2.87	91			
RV		1.65	1.55	94		monary fund	
Diffusio	n					ormal. The	_
DLCO	ml/Min/mmHg	22.5	20.1	89		volume and diffusion percentages might be considered normal.	
DLCO/VA	1/Min/mmHg	3.85	4.67	121			
VA	Liters	5.85	5.16	88	con		
					-		

Pulmonary function studies often also include:

- Graphs of the functions
- Other values than those shown in the preceding examples
- Additional tests
- Several repetitions of the same test. In these situations, the "pre measure" is often called the "baseline."

Exercise tests are similar to pulmonary function studies, but also include pre- and post-exercise measures, and often measure changes in the patient's blood gases.

Lung Pathology Reports

Pathology reports, including those for suspected diseases of the lung, do not have any particular format. However, they usually include a microscopic findings section and a diagnosis section.

Example of a negative (normal) lung pathology report for CBD:

SPECIMEN:

1: BIOPSY RML 2: BIOPSY LLL

PRE OPERATIVE DIAGNOSIS: COUGH EUD, NIGHT SWEATS, BERYLLIUM SENSITIZATION

POST OPERATIVE DIAGNOSIS: RML INFLAMATION AND SAME

(Negative pathology report continues on next page)

Example of a positive (abnormal) lung pathology report for CBD:

CLINICAL HISTORY:

R/O CBD

OCCUPATIONAL HISTORY:

Not given

PRE-OP DIAGNOSIS:

R/O CBD

SPECIMEN:

Transbronchial biopsy, RLL

GROSS DESCRIPTION:

Received in formalin labeled with the patient's name are multiple fragments of pink-tan tissue with flecks of mucus and blood. The largest fragment measures $6 \times 2 \times 1 \text{mm}$. Submitted in toto.

MICROSCOPIC FINDINGS:

H & E stained sections show multiple, small fragments of broncyhial mucosa and adjacent alveolar septa. The bronchial lining celss are ciliated and columnar. There is submucosal edema, but minimal bronchial inflammation. One fragment of aveolar tissue shows an interstitial well-formed granuloma characterized by giant cells and epithelioid histiocytes. [Note: underlining is physician's. It highlights the findings related to CBD.] No necrosis is identified. There is no evidence of polarizable material. Special stains for mycobacteria (AFB) and fungi (GMS) are negative.

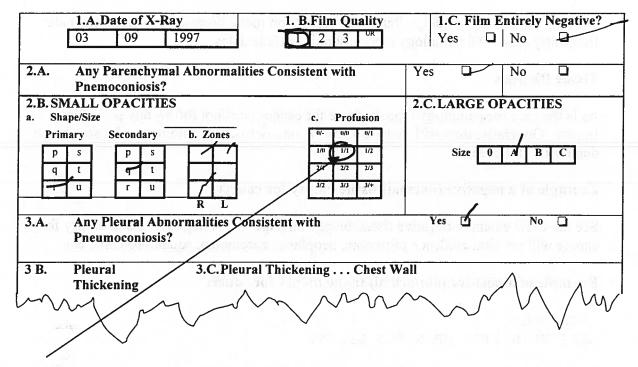
Slides available for review: H&E (1-6), AFB, GMS

MICROSCOPIC DIAGNOSIS:

Lung, right lower lobe, transbronchial biopsy:
--Non-necrotizing granuloma consistent with chronic
beryllium disease

Example Lab Tests & Pathology Reports

Example that is positive (abnormal) for chronic silicosis:



Note: For chronic silicosis, the profusion is the critical part specified by law. It must be 1/1 or higher. (See table on page 86.)

CAT Scans

Examples of this kind of report are included in the CBD section on page 90. What you are looking for in the CAT scan report are findings that include a statement such as "... consistent with silicosis." There may be references to fibrosis. Note that sometimes physicians are not specific about the type of pneumoconiosis. If the CAT scan report does not mention silicosis by name, you may want to query the physician about whether or not the fibrosis or pneumoconiosis is consistent with silicosis.

Lung Biopsies

Again, examples of this kind of report are included in the CBD section on page 91-93. The pathology report should include reference to evidence of silicosis. If the report mentions pneumoconiosis without specifying the type, you may wish to query the physician about whether the pathology is consistent with silicosis.

CONDITION & ICD-9 CODES

The information in this appendix provides ICD-9 Codes for commonly accepted conditions under the Energy Employees Occupational Illness Compensation Program Act. Please note that the following commonly accepted diagnoses are NOT an inclusive listing, nor are they at the most specific 4 –5 digit level in most cases.

This resource provides a starting point to identify a more specific code. In many cases, a range of codes is provided. Please use the Medicode *ICD-9 CM* Publication Chapter 2 (Neoplasms), and Chapter 10 (Diseases of the Genitourinary System) to find the specific code within a range. You will find most of what you need in Chapter 2. Chapter 10 will be helpful with renal conditions.

Note: If an ICD-9 code is given as a single number, use that number; there is no need to look in the ICD-9 CM publication.

BERYLLIUM

Condition	ICD-9 Code
Beryllium Sensitivity	V81.4
and the second of the second o	Note : this is a special supplementary
	classification, which indicates
	circumstances or problems which influence
3 L RET 28 1/4 L	the person's health status but is NOT in
	itself a current illness or injury.
Chronic Beryllium Disease	this 503 Philipping Engineering
	This category is pneumoconiosis due to
	other inorganic dust, which includes berylliosis or CBD.

SILICOSIS

Condition	ICD-9 Code
Chronic Silicosis	502
	This category is pneumoconiosis due to other, silica or silicates

Tables continue on the next page

Requesting Information on a Claim

Claimant's responsibility To provide all the medical and employment information needed to process the claim OWCP's responsibility To provide instructions and information to the claimant

Remember that: The claimant has the ultimate responsibility to provide evidence supporting their claim BUT you can request information from other informed sources such as physicians (MDs), hospitals, labs, and past employers. *

You can request information by letter or telephone.

If you request information by letter	If you request information by telephone
 Plan your questions carefully. (See next page.) 	Some issues, such as requests for test results, can be handled more quickly and personally.
• Send a copy to the letter to the claimant with an attachment stating that the person concerned has 30 days to respond to the request for information.	Request that the people you are speaking to follow up in writing when the information is vital to the outcome of a claim.
Make a copy of the letter and put it in the case file.	Document your telephone call and put a copy of your written notes in the case file. Then, follow-up your request for information in writing.

^{*} By signing a claim form under EEOICPA, the claimant authorizes OWCP to collect medical and employment documentation that are pertinent to his or her case.

Sample Development Letters

The following pages provide:

- A template of a development letter
- ♦ Sample paragraphs for medical information to insert in a letter
- Sample paragraphs for employment information to insert in a letter

These letters are provided to offer guidance only. Each letter should be written to address the specifics of the case. Also, as the program develops, your District Office may have specific guidance on how to write letters that are sent out of that District Office.

By you are retrained a edical information include the removing securing [2].

Development Letter Template

The District Office has reviewed all the evidence presented with your claim. You marked on your claim form that you were employed at [Name of Employer(s)] from [Dates]. The evidence is not sufficient for the District Office to make a decision in your case because we need additional information on your past employment.

Please submit the following records pertaining to your employment.

Select paragraphs from "Development Letter Sample Employment Paragraphs" according to the type of illness

To provide proof of employment, you may provide any trustworthy written records such as:

- Records created by any government agency such as W-2 forms, security clearance applications, etc.
- Time and attendance forms
- Minutes from a meeting that lists the participants at a meeting
- Punch cards
- Letters from employers
- Notification of promotions
- Wage statements
- Sign in and sign out forms from logbooks.

If you are unable to obtain written records, you may ask others to affirm your employment history using the attached Employment History Affidavit Form (EE-4).

As the claimant, it is your responsibility to submit the evidence needed to establish a claim under the Energy Employees Occupational Illness Compensation Program Act (EEOICPA). You have 30 days from the date of this letter to provide the requested information. If you do not provide the necessary information, the District Office may recommend that your claim for compensation of [Illness] be denied.

If you have any questions or concerns, please contact the District Office at [Your Telephone Number] or fax [Your Fax Number].

Sincerely,

[Your Name] Claims Examiner Attachment: EE-4 CBD (d)
 4. (If diagnosis of employee's CBD was made before January 1993) Please also submit at least three of the following:

 A characteristic chest radiographic or computed tomography denoting abnormalities
 A restrictive or obstructive lung physiology test or diffusion lung capacity defect
 A lung pathology report consistent with chronic beryllium disease
 A clinical course report consistent with chronic respiratory disease disorder
 Immunologic tests showing beryllium sensitivity (skin patch test or beryllium test).

Silicosis

Si	1. A medical report from your treating physician that lists:
	A history of your condition
(a)	Physical findings from your examination
Table 1	he recults at all diagnostic tests nertermed
	Your diagnosis
	The recommended course of treatment
	Any other important findings.
Si	2. Please submit a copy of one of the following test results:
	A chest radiograph, interpreted by a certified National Institute for Occupational
(b)	Safety and Health (NIOSH) B-reader, showing a pneumoconiosis of category 1/1 or higher.
	Results from a computer assisted tomograph (CAT) scan or other imaging technique
	that are consistent with silicosis.
	Lung biopsy findings consistent with silicosis.

Cancer (SEC and Non-SEC)

Ca	1. A medical report from your treating physician that lists:
	Your diagnosis including a date of diagnosis
(a)	• A history of your condition
Tipper	Physical findings from your examination
	The results of all diagnostic tests performed including a pathology report
	The recommended course of treatment
	Any other important findings.

Sample Request for RECA Award Letter
U.S. Department Of Labor Employment Standards Administration
Office Of Workers' Compensation Programs [District Office Address]
Date File Number:
Name of Claimant
Address of Claimant
Dear [Name of Claimant]
This letter is about your claim for compensation.
On August 15, 2001, you submitted an EE-1 Claim for Benefits Under the Energy Employees Occupational Illness Compensation Program Act. You claimed that you have developed[illness] as a result of your employment as a uranium worker with[employer].
Section 3630 of the Energy Employees Occupational Illness Compensation Program Act (EEOICPA) establishes that beneficiaries of \$100,000 under section 5 of Radiation Compensation Exposure Act (RECA) can receive an additional \$50,000 and medical benefits.
The District Office has reviewed all the evidence presented with your claim. In order to establish a claim, we need a copy of the "Award" Letter that you were sent from the Department of Justice informing you that your claim for compensation under RECA has been approved in the amount of \$100,000. We also need you to attach a Privacy Act release so we can verify your award with the Department of Justice.
As the claimant, it is your responsibility to submit the evidence needed to establish a claim under the Energy Employees Occupational Illness Compensation Program Act. You have 30 days from the date of this letter to provide the requested information. If you have any questions or concerns, please contact the District Office at 202-555-8989 or fax 202-555-8999.
Sincerely, and the second seco
[Your name] Claims Examiner Attachment: Privacy Act Release [Note: not shown in this version of the training material]
, and the state of

Yes	No	Documents/Notes	Identify	
2	910019	Employment history affidavits (EE-4)	Evidence that supports employee's employment history	
		Copies of letters sent to claimants, physicians, labs, hospitals, or others involved in the case.	Patrof Leiter	
		Documentation regarding all telephone calls made during case development.	Ting()	
	If claimant is a survivor, then also obtain:			
		Evidence demonstrating proof of relationship to deceased at the date of death of the employee (e.g., marriage certificate, birth certificate, death certificate, or adoption papers).	Proper survivor eligibility	
	3	Identification of any other potential survivors.	TOBLESHING ARESTON	

Recommended Decision Letters
Sample Acceptance Letter

	After a careful review of the evidence submitted with your claim, the District Office finds that you were employed with a [Type of Employer—beryllium vendor, atomic weapons facility, etc] during a period when [Type of Substance—radiation, beryllium dust, particles, silica, etc] were present. You submitted evidence that demonstrates
	that you were employed with the [Name of Employer] in [Location of Employer].
	Furthermore, it is accepted that as a result of this exposure you developed [Illness]. Medical evidence from [Name of Doctor], establishes that you have been diagnosed with [Illness]. His/her conclusion is supported by a [Name of test(s)] performed on Date of test(s)].
(*)	If the case was sent to NIOSH for dose reconstruction, you may insert the following paragraph here.
	NIOSH has completed the dose reconstruction on your case. Using our algorithm, we have determined the likelihood of your cancer being related to radiation exposure in your covered employment is%. To receive an award, the percentage must be 50% or higher. Therefore, you meet the standards for EEOICPA coverage.
	Based on these findings, the District Office recommends acceptance of your claim for [Illness]. Under the Energy Employees Occupational Illness Compensation Program Act section 3628 (a)(2) specifies entitles you to:
	Insert information from paragraphs C or D – F here
	Therefore, the finding of this office is that you are entitled to the sum of \$[Dollar amount]. and medical coverage for the accepted condition of[Illness].
	Please review the attached sheet that describes your rights in regards to this recommended decision. If you chose to contest the recommended decision, it is important that you carefully follow the instructions for filing a hearing or review of the written record.
	Sincerely, and absorber of the way of the way of the state of the stat
	Print Status
	[Your name] Senior Claims Examiner
	Enclosure: Claimant Rights

Recommended Decision Sample Denial Letter

1.000mmenaea Beerg	ion Campie Bemai Letter
U.S DEPARTMENT OF LABOR	penda mampilana sakata
	Employment Standards Administration Office of Workers' Compensation Programs
tagligate Qu'un annu melavrora et al	200 Constitution NW Washington DC 20210
Date of Letter	
	File Number: Date of Filing:
Dear[Name of Claimant],	
NOTICE OF RECON	MMENDED DECISION
In regards to your claim under the Energy Emp Program Act (EEOICPA), the District Office re	oloyees Occupational Illness Compensation ecommends a denial for [Illness].
The EEOICPA provides for a lump sum payme covered employee suffering from designated ill radiation, beryllium or silica while in the performance certain of its vendors, contractors and subcontractors compensation to certain survivors of these covered to the cov	Inesses incurred as a result of their exposure to rmance of duty for the Department of Energy and actors. The Act also provides for payment of
employee or their survivor may file a claim, it is provide the factual and medical evidence neces	
In order to establish a claim for demonstrate:	_ [Illness], the evidence of record must
Insert information from paragraph A her	'e
Insert information from paragraph B her	' e
claimed that you developed [Illness] [Name of Employer]. The evidence submitted Employment History, a medical report from	Program Act on [Date of Claim]. You on as a result of your employment with d in support of your claim included an EE-3 [Name of Doctor],
[Name of test(s) performed] and an employmemployer].	ient record from [Name of

File Number Date of Filing:

Claimant Rights in Regard to a Recommended Decision under The Energy Employees Occupational Illness Compensation Program Act

The District Office has issued a recommended decision in regard to your claim under the Energy Employees Occupational Illness Compensation Program Act. READ THIS NOTICE CAREFULLY AND INDICATE THE ACTION YOU WISH TO REQUEST: HEARING; REVIEW OF THE WRITTEN RECORD; OR WAIVER.

You are permitted 60 days from the date of this recommended decision to indicate the action you wish to pursue and return this form to the Final Adjudication Branch. If you do not return this form within the allotted time frame or do not indicate a preferred course of action, the Final Adjudication Branch will conduct a review of the recommended decision and issue a final decision.

HEARING: You may request an oral hearing before the Final Adjudication Branch. At

Please check the action you wish to pursue in regards to the recommended decision:

an oral hearing you will be given the opportunity to present oral testimony and written evidence in support of your claim. The hearing will be informal and will be held at a location in your area. Any person authorized by you in writing may represent you at the hearing. If you are requesting a hearing, you must explain the basis for challenging the recommended decision (Attach a supplemental statement, should you require additional space:	
REVIEW OF THE WRITTEN RECORD: You may request an examination of the written record by the Final Adjudication Branch. You will not be asked to attend or give oral testimony, but you may submit additional written evidence. You will have this review instead of an oral hearing. Any additional written evidence you want to submit must be sent with your request for review.	
WAIVER: You may waive your right to a hearing or review of the written record. If you chose to waive your right to a hearing or a review of the written record, the Final Adjudication Branch will conduct a cursory review of the recommended decision and issue a final decision.	
Print Name	
Signature of Claimant	
Cissa in Jill and in a suring popular private process and because the last of January of State.	

Note: This is a preliminary draft of a recommended decision letter.

Silicosis

Si	Employment qualifications:
	In order to be eligible for benefits, the employee must establish employment with the
(a)	Department of Energy (DOE), or with a DOE contractor and presence for an aggregate of a least 250 workdays during the mining of tunnels at a DOE facility located in Nevada or Alaska, which were used for atomic weapon tests or experiments. The Act permits a claimant to aggregate the days of service at more than one qualifying site.
Si	Medical testing requirements:
	A written diagnosis by a qualified physician of chronic silicosis accompanied by one or
(b)	more of the following:
	A chest radiograph, interpreted by a certified National Institute for Occupational Safety and Health B-reader, classifying the existence of pneumonconioses of category 1/1 or higher.
	Results from a computer assisted tomograph or other imaging technique that are consistent with silicosis
	Lung biopsy findings consistent with silicosis.
	arte at a titratifica i

Cancer

	Ca (a)	Employment qualifications: A DOE employee, a DOE contractor employee, or an atomic weapons employee who contracted cancer after such employment and it has been determined by the Department of Health and Human Services that the cancer "is at least as likely as not related to such employment."
+	Ca	Medical testing requirements:
	(b)	A written medical report from a qualified physician that provides a diagnosis of a cancer, supported by a pathology report and the date of diagnosis.

SEC Cancer

SEC-	Employment qualifications:
Ca	A member of the Special Exposure Cohort (SEC) who was a DOE employee, a DOE
	contractor employee, or an atomic weapons employee who contracted a specified cancer
(a)	after beginning of employment.

Recommended Decision Sample Acceptance Letter—RECA

U.S DEPARTMENT OF LABOR

Employment Standards Administration Office of Workers' Compensation Programs 200 Constitution NW Washington DC 20210

Date of Letter

File Number: Date of Filing:

Dear [Name of Claimant],

NOTICE OF RECOMMENDED DECISION

In regards to your claim under the Energy Employees Occupational Illness Compensation Program Act (EEOICPA), the District Office recommends an acceptance for your claim for [Illness].

Section 3630 of the Energy Employees Occupational Illness Compensation Program Act (EEOICPA) establishes that beneficiaries of \$100,000 under section 5 of Radiation Compensation Exposure Act (RECA) can receive an additional \$50,000 and medical benefits.

Specified uranium workers are employees associated with mining, milling or transportation or uranium ore for use in the manufacture of atomic weapons. The Act also provides for payment of compensation to certain survivors of these covered employees. While either the covered employee or their survivors may file a claim, it is the burden of the person making the claim to provide the factual and medical evidence necessary to establish eligibility to the benefits.

In order to establish a claim, a claimant must have received payment or an "Award" Letter from the Department of Justice.

Based on these findings, the District Office recommends acceptance of your claim for [Illness]. Under the Energy Employees Occupational Illness Compensation Program Act section 3630 (a) specifies entitles you to:

• <u>Lump sum Payment:</u> The Act provides a lump sum payment of \$50,000 to covered uranium workers and, where applicable, survivors of such employees.

File Number: Date of Filing:

Claimant Rights in Regard to a Recommended Decision under The Energy Employees Occupational Illness Compensation Program Act

The District Office has issued a recommended decision in regard to your claim under the Energy Employees Occupational Illness Compensation Program Act. READ THIS NOTICE CAREFULLY AND INDICATE THE ACTION YOU WISH TO REQUEST: HEARING; REVIEW OF THE WRITTEN RECORD; OR WAIVER.

You are permitted 60 days from the date of this recommended decision to indicate the action you wish to pursue and return this form to the Final Adjudication Branch. If you do not return this form within the allotted time frame or do not indicate a preferred course of action, the Final Adjudication Branch will conduct a review of the recommended decision and issue a final decision.

HEARING: You may request an oral hearing before the Final Adjudication Branch. At

Please check the action you wish to pursue in regards to the recommended decision:

Date	ure of Claimant	
Cianat	are of Claimant	
Print N	Name	
SDAY In a	<u>WAIVER</u> : You may waive your right to a hearing or review of the work chose to waive your right to a hearing or a review of the written recorn Adjudication Branch will conduct a cursory review of the recommend issue a final decision.	d, the Final
	REVIEW OF THE WRITTEN RECORD: You may request an exame written record by the Final Adjudication Branch. You will not be asked or al testimony, but you may submit additional written evidence. You review instead of an oral hearing. Any additional written evidence you must be sent with your request for review.	ed to attend or give will have this
	evidence in support of your claim. The hearing will be informal and location in your area. Any person authorized by you in writing may r hearing. If you are requesting a hearing, you must explain the basis for recommended decision (Attach a supplemental statement, should you space:	will be held at a represent you at the or challenging the

Note: This is a preliminary draft of a recommended decision letter.

Please review the attached sheet that describes your rights in regards to this recommended decision. If you chose to contest the recommended decision, it is important that you carefully follow the instructions for filing a hearing or review of the written record.

lastifou auvez area. Ana peronaudioriori Ex. coma esperante area de la conse

Sincerely, whene one to accomplish a single because on the control of the control

[Your name]
Senior Claims Examiner

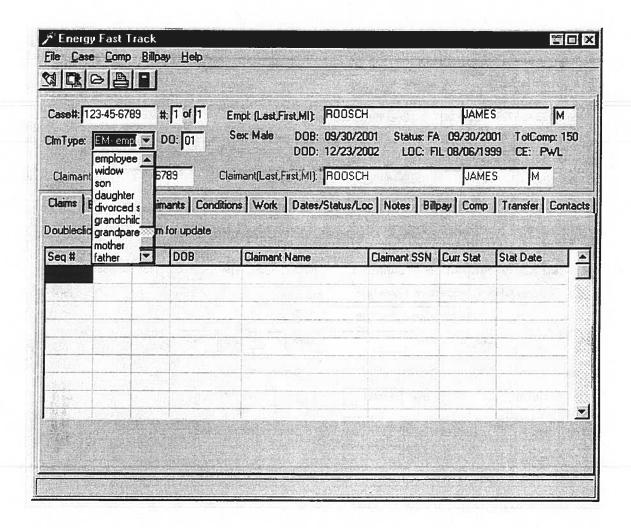
Enclosure: Claimant Rights

ENERGY COMPUTER MANAGEMENT SYSTEM (ECMS)

ECMS is the computer system for documenting and tracking claims. When claims first come into the District Office, the information will be entered into the ECMS system by case create clerks. You will be responsible for entering the status, actions, and decisions made on a case into ECMS.

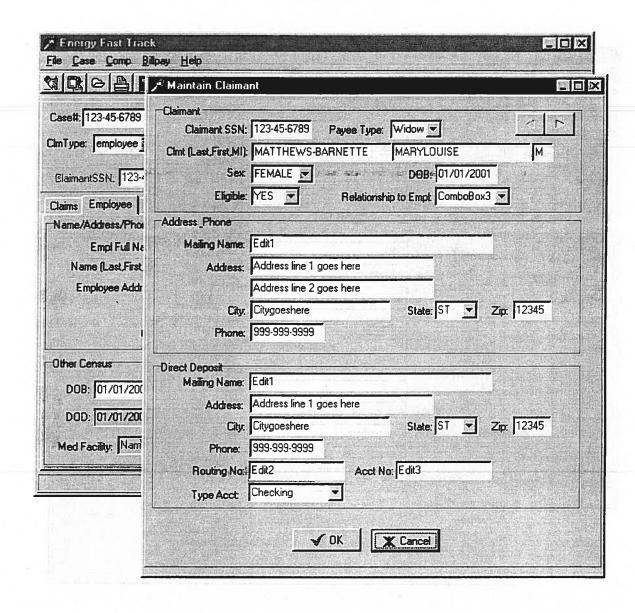
At present, ECMS is in the prototype phase and may look somewhat different when the system goes live. For example, "pop-up" buttons may activate windows. Although the screens will not look exactly like the screen captures seen on the following pages, they will contain most of the information.

Claimant Types



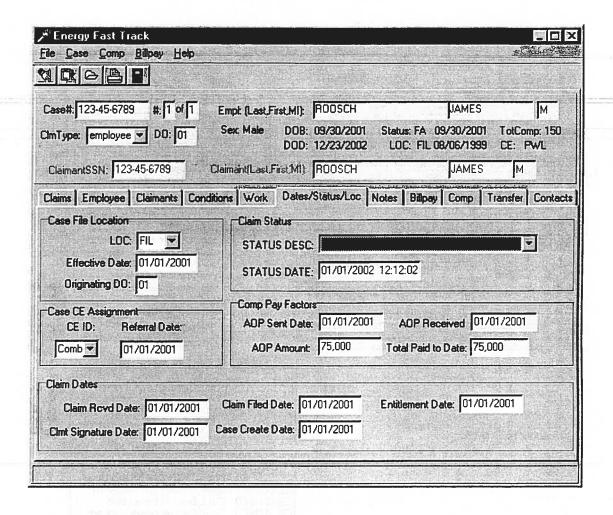
Using the EE-1 or EE-2, the case create clerk will enter the type of claimant who filed the claimant (i.e., employee, widow, son, etc.)

Claimant's Identifying Information



Using the EE-1 or EE-2, the case create clerk will enter identify information about the claimant if the claimant is different from the employee. If the claim is accepted for payment, direct deposit information about the claimant will be added.

Claim Dates and Claim Status



This is the first screen that you will take action on.

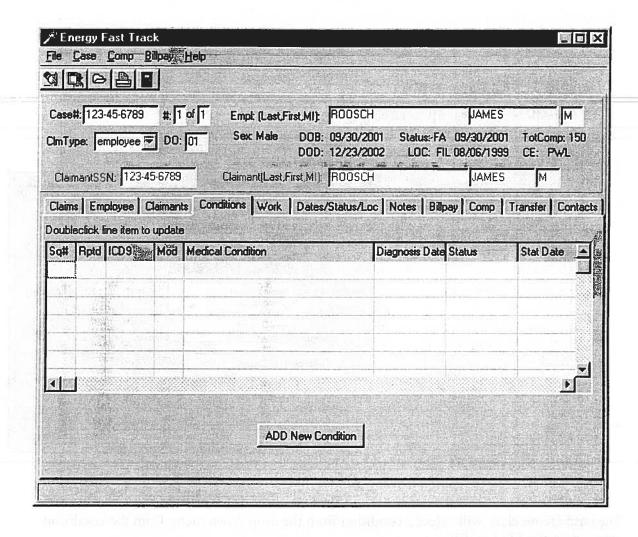
Using the information from the case file, check the Claim Filed Date entered by the case create clerk and change the date if necessary.

The Claim Filed Date is the earliest date that the claimant does one of the following:

- Mails his or her claim (or another letter showing intent to file a claim) to OWCP, as determined by the postmark
- Hand carries the claim to OWCP District office
- Gives the claim form to a DOE/DOL Resource Center representation

The Claim Filed Date can be no earlier than July 31, 2001.

Medical Conditions

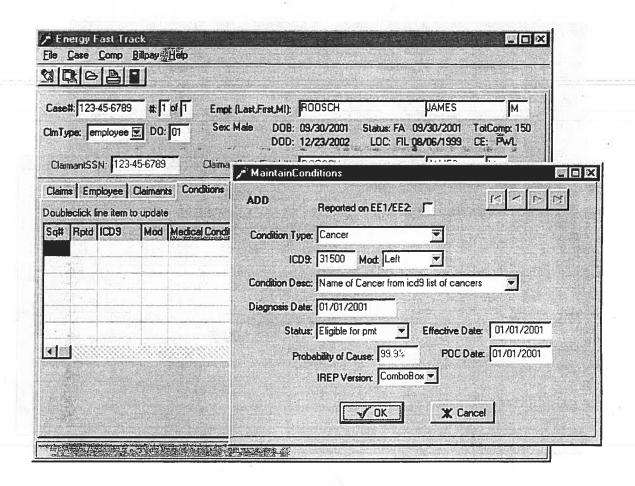


The case create clerk enters the employee's medical condition claimed in the EE-1 or EE-2.

Each of the employee's medical conditions will have a separate line on the screen. For example, if the employee is claiming cancer and silicosis, there will be two screen lines completed.

Medical Conditions

(Continued)



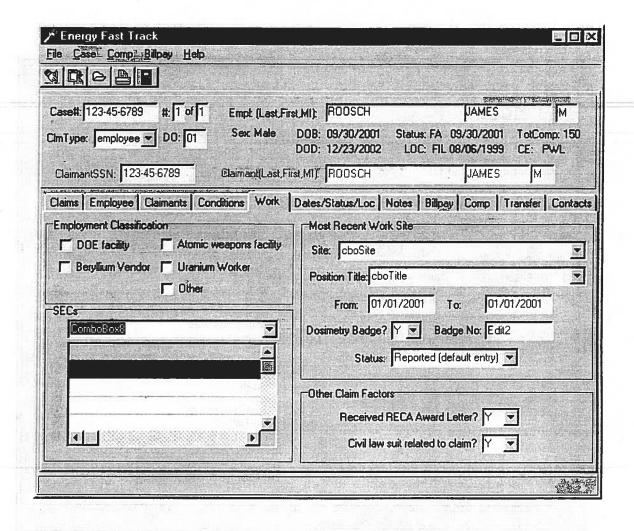
You will be completing several fields in this window.

1. Enter the ICD code for the medical condition.

Note: For some diseases (i.e., beryllium sensitivity, chronic beryllium disease, and silicosis), the ICD-9 code will automatically populate when you enter the condition type. For other diseases such as cancer, you will need to refer to page 97 of the Resource Book to find the ICD-9 code. The Condition Desc (condition description) will automatically populate when you enter the ICD-9 code.

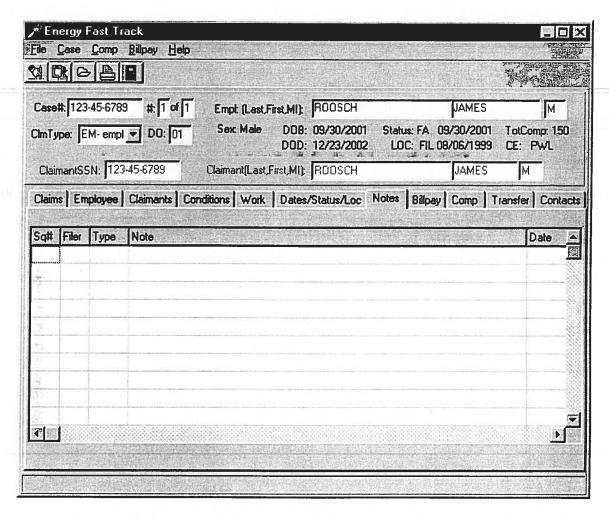
2. In the Diagnosis Date box, **enter** the date the medical condition was diagnosed (as established by the medical documentation.)

Work History



Using the EE-1 or EE-2 and the EE-3, the case create clerk will enter the information on the employee's work history.

Notes

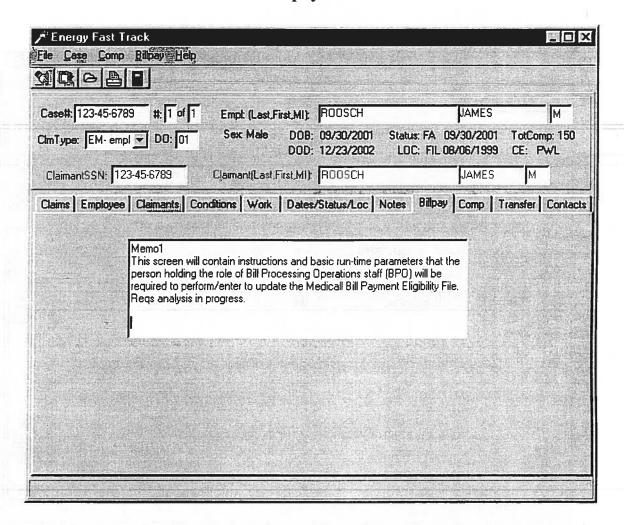


This is where you will keep your notes and document your actions taken in the case. These actions will include when and what type of correspondence was sent to the claimant or other concerned parties and when and what type of correspondence was sent to other government agencies.

Note: Follow on screen instructions when completing this window.

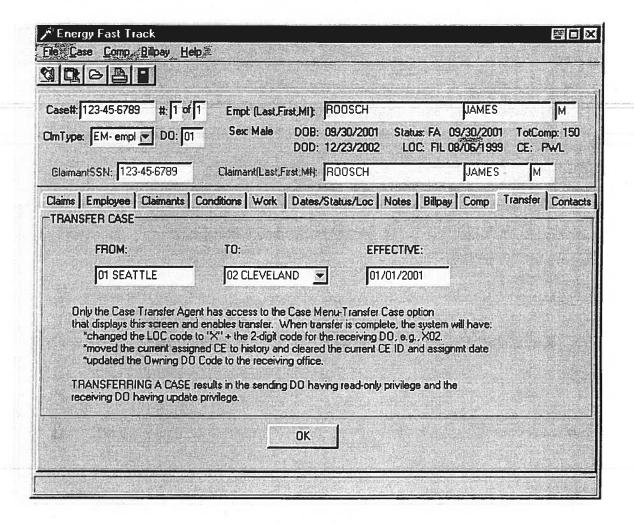
Billpay Tab

Billpay Tab



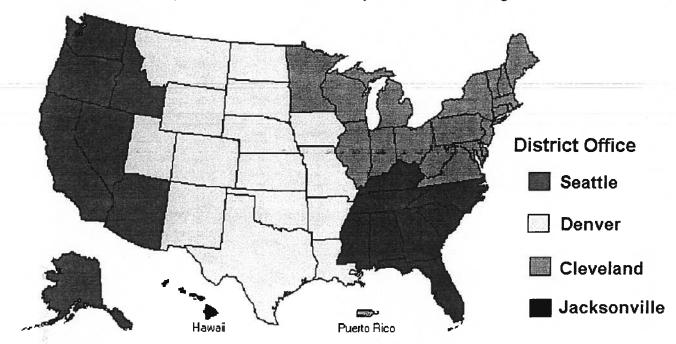
Transfer Case

Transfer Case



DOL Program Jurisdictions

The Energy Program has 4 District Offices. They are: Seattle, Denver, Cleveland, and Jacksonville. They states they cover are indicated below by the different shadings.



Seattle:

Alaska
Arizona
California
Hawaii
Idaho
Marshall Islands
Nevada
Oregon
Washington

Denver

Arkansas Colorado Iowa Kansas Louisiana Missouri Montana Nebraska New Mexico North Dakota Oklahoma South Dakota Texas Utah Wyoming

Cleveland

Connecticut
Delaware
District of Columbia
Illinois
Indiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
New Hampshire
New Jersey
New York
Ohio

Pennsylvania Puerto Rico Rhode Island Vermont Virgin Islands

Virginia
West Virginia
Wisconsin

Jacksonville

Alabama Florida Georgia Kentucky Mississippi North Carolina South Carolina Tennessee

DOE Covered Facility List

Introduction to the Covered Facility List

The list that follows covers the three categories of employers defined by the Act: atomic weapons employers ("AWE"), Department of Energy facilities ("DOE"), and beryllium vendors ("BE").

Each of the categories has been defined in the original notice and include:

- 1. Atomic Weapons Employers The lines between research, atomic weapons production, and non-weapons production are often difficult to draw. For the purposes of this notice, and as directed by the Act, only those facilities whose work involved radioactive material that was connected to the weapons production chain are included. This includes facilities that received radioactive material that had been used in the production of an atomic weapon, or the "back end" of the production cycle, such as waste handling or reprocessing operations. For the purposes of this listing, the Department considers commercial nuclear fuel fabricators to be covered facilities for those periods when they either supplied radioactive materials to the Department or received radioactive materials that had been used in the Department's production reactors. Corporate information regarding many of the listed facilities is often not readily available. The Department welcomes comments or additional information regarding facilities that may have supported atomic weapons production that are not on this list, as well as information that clarifies the work done at facilities named below.
- 2. Department of Energy Facilities The listing of Department of Energy facilities is only intended for the context of implementing this Act and does not create or imply any new Departmental obligations or ownership at any of the facilities named on this list.
- 3. Beryllium Vendors Section 3621(6) of the Act defines beryllium vendor as the following:
- "(A) Atomics International.
- (B) Brush Wellman, Incorporated, and its predecessor, Brush Beryllium Company.
- (C) General Atomics.
- (D) General Electric Company.
- (E) NGK Metals Corporation and its predecessors, Kawecki-Berylco, Cabot Corporation, BerylCo, and Beryllium Corporation of America.
- (F) Nuclear Materials and Equipment Corporation.
- (G) StarMet Corporation, and its predecessor, Nuclear Metals, Incorporated.
- (H) Wyman Gordan, Incorporated.
- (I) Any other vendor, processor, or producer of beryllium or related products designated as a beryllium vendor for purposes of this title under Section 3622."

Jurisdiction and facility name	Location	Facility type	Sate
AL—Southern Research Institute	Birmingham	AWF	- Alahama
AL—Speedring, Inc			
AL—Tennessee Valley Authority			
AK—Amchitka Island Nuclear Explosion Site			
AK—Project Chariot Site			
CA—Arthur D. Little Co			
CA—California Research Corp	.Richmond	AWE	California
CA—Ceradyne, Inc	.Santa Ana	BE	California
CA—Dow Chemical Co			
CA—Electro Circuits, Inc			
CA—Energy Technology Engineering Center (Atomics /	Santa Susana (Canona	BE DOE	California
Inter-national. Rocketdyne		2 06643	hue di Riche
CA—General Atomics	l a Iolla	AWE BE DOE	California
CA—General Electric Vallecitos			
CA—Hunter Douglas Aluminum Corp			
CA—Laboratory for Energy-Related Health Research			
CA—Laboratory of Biomedical and Environmental Sciences	Los Angeles	. DOE	California
CA—Laboratory of Radiobiology and Environmental Health			
CA—Lawrence Berkeley National Laboratory	Rerkeley	DOE	California
CA—Lawrence Livermore National Laboratory			
CA—Sandia Laboratory, Salton Sea Base			
CA-Sandia National Laboratories-Livermore			
CA—Stanford Linear Accelerator Center	Palo Alto	. DOE	California
CA—Stauffer Metals, Inc			
CA—University of California	Porkolov	AVA/E DOE	California
CO—Coors Porcelain			
CO—Project Rio Blanco Nuclear Explosion Site			
CO—Project Rulison Nuclear Explosion Site	.Grand Valley	. DOE	Colorado
CO—Rocky Flats Plant	Golden	. DOE	Colorado
O—Shattuck Chemical			
CO—University of Denver Research Institute			
OT Associate Obsidered Octor	Deriver	. AVVE DE	Colorado
T—American Chain and Cable Co	.Bridgeport	. AVVE	Connecticut
CT—Anaconda Co			
T—Bridgeport Brass Co, Havens Lab	.Windsor	. AWE DOE	Connecticut
T—Connecticut Aircraft Nuclear Engine Laboratory (CANEL)	Middletown	. BE DOE	Connecticut
T—Dorr Corp	Stamford	AWE	Connecticut
T—New England Lime Co	Canaan	Δ\Δ/E	Connecticut
T. Charac Dandwide Inc.	D	ANA/E	Connecticut
T—Sperry Products, Inc	Danbury	. AVVE	Connecticut
E—Allied Chemical and Dye Corp			
C—National Bureau of Standards, Van Ness Street	Washington	. AWE	District of Columbi
C-Naval Research Laboratory	Washington	. AWE DOE	District of Columbi
L—American Beryllium Co			
L—Armour Fertilizer Works			
L—Gardinier, Inc			
L—International Minerals and Chemical Corp			
L—Pinellas Plant			
L—University of Florida	Gainesville	. AWE	Florida
L—Virginia-Carolina Chemical Corp			
L—W.R. Grace Co, Agricultural Chemical Div	Pidgewood	Δ\Λ/E	Florida
—Argonne National Laboratory—West			
D—Idaho National Engineering Laboratory			
.—Allied Chemical Corp Plant	Metropolis	.AWE	Illinois
American Machine and Metals, Inc			
.—Argonne National Laboratory—East			
Armour Passarch Foundation	Chicago	Λ\Λ/E	Illinois
-—Armour Research Foundation			
.—Blockson Chemical Co			
.—C-B Tool Products Co	Chicago	. AWE	Illinois
.—Crane Co			
ERA Tool and Engineering Co			
Easted Metallurgical Corp	North Chiangs	DE	Illinois
.—Fansteel Metallurgical Corp			
Fermi National Accelerator Laboratory			
.—Granite City Steel	Granite City	. AWE DOE	Illinois
Great Lakes Carbon Corp	•		
	Chicago.	. AWE	Illinois
.—GSA 39th Street Warehouse	•		

MO—St. Louis Airport Storage Site (SLAPS) St. Louis. AWE DOE Missouri MO—Tyton Vulley Powder Farm St. Louis. AWE Missouri MO—United Nuclear Corp Hernatite AWE Missouri MO—United Nuclear Corp Hernatite AWE Missouri MO—Verbook Spring Plant Welledon Spring DOE Nevada NV—Nevada Test Site Central Nevada Test Site Nevada NV—Project Shoal Nuclear Explosion Site Central Nevada Test Site Nevada NV—Project Shoal Nuclear Explosion Site Fallon DOE Nevada NV—Project Shoal Nuclear Explosion Site Fallon No Nevada N—Yucca Mountain Nev Jersey Nevada Nevada N—American Peddinghaus Corp Moorachle AWE Nev Jersey N—Bell Telephone Laboratories Murray Hill AWE Nev Jersey N—Bell Telephone Laboratory Noth Branch AWE Nev Jersey N—Califer Trugsten Co Union City AWE Nev Jersey N—Califer Trugsten Co Union City AWE	MOSt. Louis Airport Storage Site (SLAPS)	St Louis	AWE DOE	Missouri
MO—United Nuclear Corp Hematite AWE Missouri NG—Veldon Spring Plant Weldon Spring DOE Missouri NE—Hallam Sodium Graphite Reactor Hallam DOE Nevada NV—Project Facilities Studes Explosion Site Mercury DOE Nevada NV—Project Againties Studes Explosion Site Central Nevada Test Site Nevada NV—Project Againties Studes Explosion Site Central Nevada Test Site Nevada NV—Project Againties Studes Company Averado Nevada N—Vucza Mountan DOE Nevada NJ—Ball Telephone Laboratories Muray New Jersey NJ—Ball Telephone Laboratories Muray Hill AWE New Jersey NJ—Ball Telephone Laboratories Muray New Jersey New Jersey NJ—Ball Telephone Laboratories Muray New Jersey New Jersey NJ—Ball Telephone Laboratories Muray New Jersey NJ—Ball Telephone Laboratories Muray New Jersey NJ—Low Telephone Laboratories Muray New Jersey NJ—Low Telephone Laboratories New	MO_Tyeon Valley Powder Farm	St Louis	AWE DOL	Missouri
MO—Veldon Spring Pinat Mo—Veldon Spring DOE Missouri Ne—Hallam DOE Nebraska NV—Nevada Test Site Mercury DOE Nevada NV—Project Stoad Nuclear Explosion Site Contral Nevada Test Site DOE Nevada NV—Project Stoad Nuclear Explosion Site Contral Nevada Test Site DOE Nevada NV—Project Stoad Nuclear Explosion Site Fallon DOE Nevada NV—Project Stoad Nuclear Explosion Site Fallon DOE Nevada NV—Project Stoad Nuclear Explosion Site Vicca Mountain DOE Nevada NV—Project Stoad Nuclear Explosion Site Nevada NV—Nevada NV—Nevada NVE Nevada Nevada NVE Nve Nersey Nu—Lotterior Nve Nve Nversey Nu—Lotterior Nve Nve Nversey Nu—Lotterior Nve Nversey Nu—Middlesex Num Nve Nversey Nve Nversey Num Nve Nversey Nve Nversey Nve Nversey Nve Nversey N	MO—I Inited Nuclear Corp	Hematite	AWE	Missouri
NE—Hallam Sodium Graphite Reactor	MO—Weldon Spring Plant	Weldon Spring	DOE	Missouri
NV-Nevada Test Site	NF—Hallam Sodium Graphite Reactor	Hallam	DOF	Nebraska
NV—Project Faultiess Nuclear Explosion Site Pallon. DOE Nevada NV—Project Shoola Nuclear Explosion Site Pallon. DOE Nevada NV—Prucca Mountain Site Characterzation Project Yucca Mountain DOE Nevada NV—Vucca Mountain Site Characterzation Project Yucca Mountain Poet New Jersey NJ—American Peddinghaus Corp Nomanchie New Jersey NJ—Baker and Kulliams Co. Newark. New Jersey NJ—Baker and Laboratories Mucrofiell NV—Williams Co. Newark. NV—Bell Telephone Laboratories NJ—Borne Laboratories NJ—Chemical Construction Co Union City New Jersey NJ—Chemical Construction Co Union City New Jersey NJ—Lellier Stephone NJ—Jr. Baker Chemical Co Philipsburg NJ—Mellex/Piepront Jersey City NJ—Maywood Chemical Works Maywood AWE DOE New Jersey NJ—Middlesex Municipal Landfill Middlesex NJ—Middlesex Municipal Landfill Middlesex NJ—New Brunswick Laboratory NJ—Middlesex DOE New Jersey NJ—Nesting Naneal NJ—Picatinny Anenal NJ—New Brunswick Laboratory New Brunswi	NV—Nevada Test Site	Mercury	DOE	Nevada
NV—Project Shoal Nuclear Explosion Site NV—Project Mountain Site Characterization Project V—Vuca Mountain Site Characterization Project V—Vuca Mountain Site Characterization Project V—Vuca Mountain Site Characterization Project V—New Mew Jersey N—Ball Telephone Laboratories Murray Hill AWE New Jersey NJ—Ball Telephone Laboratories Murray Hill AWE New Jersey NJ—Bloomfield Tool Co Bloomfield AWE New Jersey NJ—Bloomfield Tool Co Bloomfield AWE New Jersey NJ—Bloomfield Tool Co Bloomfield AWE New Jersey NJ—Characterization N—Characterization N—	NV—Project Faultless Nuclear Explosion Site	Central Nevada Test Site	DOE	Nevada
NV—Yuūca Mountain Site Characterization Project Yuūca Mountain DOE New Jersey NJ—Aurimium Co of America (Alfoas) Garwood AWE New Jersey NJ—Aurimium Co of America (Alfoas) Garwood AWE New Jersey NJ—Baler and Williams Co. Newark New Jersey NJ—Bell Telephone Laboratories Murray Hill AWE New Jersey NJ—Bell Telephone Laboratories Murray Hill AWE New Jersey NJ—Bowen Laboratories New Jersey NJ—Bowen Laboratories New Jersey NJ—Bowen Laboratories New Jersey NJ—Jersey City New Jersey NJ—Marked Sex Municipal Landfill Middlesex New Jersey NJ—Middlesex Muricipal Landfill Middlesex DOE New Jersey NJ—New Brunswick Laboratory New Brunswick DOE New Jersey NJ—Picatinny Arsenal Dover New Jersey NJ—Strandard Oil Development Co of NJ Linden AWE New Jersey NJ—Strandard Oil Development Co of NJ Linden AWE New Jersey NJ—Strandard Oil Development Co of NJ Linden AWE New Jersey NJ—Julied Lead Co Middlesex New Jersey NJ—Julied New				
NJ—Aluminum Co of America (Alcoa) Garwood AVE New Jersey NJ—Baker and Williams Co Newark AWE New Jersey NJ—Baker and Williams Co Newark AWE New Jersey NJ—Ball Telephone Laboratories Murray Hill AWE New Jersey NJ—Bloomfield Tool Co Bloomfield AWE New Jersey NJ—Bown Laboratory North Branch AWE New Jersey NJ—Callite Tungsten Co Linden AWE New Jersey NJ—Callite Tungsten Co Linden AWE New Jersey NJ—Callite Tungsten Co Linden AWE New Jersey NJ—Jr. Baker Chemical Co Philipsburg AWE New Jersey NJ—Jr. Baker Chemical Co Philipsburg AWE New Jersey NJ—Jr. Baker Chemical Co Philipsburg AWE New Jersey NJ—Hatoral Service Naywood AWE New Jersey NJ—Hatoral Service NJ—Jr. Baker Sampling Plant Middlesex Middlesex AWE NJ—Mersey NJ—Princation New Brunswick Laboratory New Brunswick DOE New Jersey NJ—Princation New Jersey NJ—Princation New Jersey NJ—Princation Dover AWE New Jersey NJ—Princation Dover New Jersey NJ—Princation Dover New Jersey NJ—Standard Oil Development Co of NJ Linden Linden AWE New Jersey NJ—Juste Reducing Co Wallington New Brunswick New Jersey NJ—U-St pen and Foundry Burlington BE New Jersey NJ—U-Use Reducing Co Washington New Jersey NJ—Use Reducing Co West Orange NJ—West Orange NWE New Jersey NJ—Use Reducing Co New Jersey N				
NJ—American Peddinghaus Corp. Nomark NWE New Jersey NJ—Bell Telephone Laboratories Murray Hill AWE New Jersey NJ—Bell Telephone Laboratories Murray Hill AWE New Jersey NJ—Bloomfield Tool Co Bloomfield NWE New Jersey NJ—Bloomfield Tool Co Union City NWE New Jersey NJ—Callite Tungsten Co Union City NWE New Jersey NJ—Callite Tungsten Co Union City NWE New Jersey NJ—Chemical Construction Co Linden NJ—TI Baker Chemical Co Phillipsburg NJ—Kellex/Pierpont NJ—TI Baker Chemical Co NJ—JT Baker Chemical Co NJ—Maywood Chemical Works Maywood NWE DOE New Jersey NJ—Kellex/Pierpont NJ—Middlesex Murricipal Landfill Middlesex Murricipal Landfill Middlesex Murricipal Landfill Middlesex DOE New Jersey NJ—Hatlonal Berylia. NJ—National Berylia. NJ—National Berylia. NJ—Practip Nyr Asnell Dover NJ—Practip Nyr Asnell Dover NJ—Practip Nyr Asnell Dover NJ—Practip Nyr Asnell NJ—Rare Earsh W/R. Grace. NJ—Practip Nyr Asnell NJ—Tube Reduring Co Myre NJ—Standard Oil Development Co of NJ Linden NJ—Tube Reduring Co Middlesex NJ—Us. Pierpont NJ—Practip Nyr	N.I—Aluminum Co of America (Alcoa)	Garwood	AWF	New Jersey
NJ—Bell Telephone Laboratories Murray Hill AWE New Jersey NJ—Bloomfield Tool Co Bloomfield AWE New Jersey NJ—Bloomfield Tool Co Bloomfield AWE New Jersey NJ—Chemical Construction Co Linden AWE New Jersey NJ—Callite Tungsten Co Linden AWE New Jersey NJ—Chemical Construction Co Linden AWE New Jersey NJ—LT New Jersey NJ—JT. Baker Chemical Co Phillipsburg AWE New Jersey NJ—JT. Baker Chemical Co Phillipsburg AWE New Jersey NJ—JT. Baker Chemical Works Maywood AWE New Jersey NJ—Middlesex MVE New Jersey NJ—Middlesex MVE New Jersey NJ—Middlesex NJ—Middlesex MVE New Jersey NJ—Middlesex NJ—New Dot New Jersey NJ—Middlesex NJ—New Dot New Jersey NJ—Middlesex NJ—New Dot New Jersey NJ—Middlesex NJ—New Brunswick Laboratory New Brunswick NJ—Picatinny Arsenal Doter New Brunswick NJ—Picatinny Arsenal Dover NJ—Picatinny Arsenal Dover NJ—Picatinny Arsenal Dover NJ—Reria Earlish WR Grac NJ—Reria Earlish WR Grac NJ—Reria Earlish WR Grac NJ—Reria Earlish WR Grac NJ—Stare Earlish WR Grac NJ—Tube Reducing Co Middlesex NJ—United Lead Co Middlesex NJ—We New Jersey NJ—United Lead Co Middlesex NJ—We New Jersey NJ—United Lead Co Middlesex NJ—United Lead Co Middlesex NJ—We New Jersey NJ—United Lead Co NJ—We New Jersey NJ—United Lead Co NJ—We NJ—We NJ—No NJ—No	N.I—American Peddinghaus Corp	Moonachie	AWE	New Jersey
NJ—Bell Telephone Laboratories. Murray Hill AWE New Jersey NJ—Bloomfield Tool Co Bloomfield AWE New Jersey NJ—Bowen Laboratory. North Branch AWE New Jersey NJ—Callite Tungsten Co Union City AWE New Jersey NJ—Callite Tungsten Co Linden AWE New Jersey NJ—Chemical Construction Co Phillipsburg AWE New Jersey NJ—LT Basker Chemical Co Phillipsburg AWE DOE New Jersey NJ—Kellex/Pierpont Jersey City AWE DOE New Jersey NJ—Kellex/Pierpont Middlesex Nuriopal Landfill Middlesex AWE DOE New Jersey NJ—Middlesex AWE DOE New Jersey NJ—Maywood Chemical Works Maywood AWE DOE New Jersey NJ—Middlesex AWE DOE New Jersey NJ—Mational Beryllia Haskell BE New Jersey NJ—Princation Plasmar Physics Laboratory New Brunswick Laboratory New Brunswick Laboratory NJ—Princation Delam Physics Laboratory NJ—Princation Delam Physics Laboratory NJ—Princation ODE New Jersey NJ—Princation Old New Jersey NJ—Standard Oil Development Co of NJ Linden AWE New Jersey NJ—Tube Reducing Co Wallington AWE New Jersey NJ—Jube Reducing Co Middlesex AWE New Jersey NJ—Jube Reducing Co Middlesex AWE New Jersey NJ—Jube Reducing NJ—Ju				
NJ—Blownfield Tool Co North Branch AWE New Jersey NJ—Callite Tungsten Co Union City AWE New Jersey NJ—Callite Tungsten Co Union City AWE New Jersey NJ—Callite Tungsten Co Linden AWE New Jersey NJ—Chemical Construction Co Linden AWE New Jersey NJ—T. Baker Chemical Co Phillipsburg AWE New Jersey NJ—Maywood AWE DOE New Jersey NJ—Maywood AWE DOE New Jersey NJ—Maywood AWE DOE New Jersey NJ—Middlesex NJ—New Brunswick Laboratory New Brunswick DOE New Jersey NJ—Picatinny Arsenal Dover New Brunswick DOE New Jersey NJ—Picatinny Arsenal Dover New Jersey NJ—Picatinny Arsenal Dover New Jersey NJ—Picatinny Arsenal Dover NJ—Rare Earths WIR, Grac NJ—Tube Reducing Co NJ—Tube Reducing Co NJ—Tube Reducing Co NJ—Tube Reducing Co NJ—Jungsten Co NJ—Jungsten NJ—Number				
NJ—Bowen Laboratory North Branch AWE New Jersey NJ—Callite Tungsten Co Union City AWE New Jersey NJ—Chemical Construction Co Linden AWE New Jersey NJ—Chemical Construction Co Linden AWE New Jersey NJ—Chemical Construction Co Phillipsburg AWE New Jersey NJ—Kellex/Pierpont Jersey NJ—Kellex/Pierpont Jersey NJ—Maywood Chemical Works Maywood AWE DOE New Jersey NJ—Middlesex Municipal Landfill Middlesex AWE DOE New Jersey NJ—Middlesex Sampling Plant Middlesex AWE DOE New Jersey NJ—Middlesex Sampling Plant Middlesex DOE New Jersey NJ—National Beryllia Haskell BE New Jersey NJ—Plational Beryllia Haskell BE New Jersey NJ—Princeton DoE New Jersey NJ—Princeton Doer AWE New Jersey NJ—Princeton Doer AWE New Jersey NJ—Princeton DoE New Jersey NJ—Princeton ODE New Jersey NJ—Princeton ODE New Jersey NJ—Standard Oil Development Co of NJ Linden AWE New Jersey NJ—Tube Reducing Co Wallington AWE New Jersey NJ—Tube Reducing Co Wallington AWE New Jersey NJ—Us. Plant Control of NJ Linden AWE New Jersey NJ—Us. Plant Control of NJ Linden AWE New Jersey NJ—Us. Plant Control of NJ Linden AWE New Jersey NJ—Us. Plant Control of NJ Linden AWE New Jersey NJ—Us. Plant Control of NJ Linden AWE New Jersey NJ—Use Inden AWE New Jersey NJ—Use Inden AWE New Jersey NJ—Use Inden AWE New Jersey NJ—Use NJ Control of NJ Linden AWE New Jersey NJ—Use Inden AWE NJ—Inden AWE New Jersey NJ—Use Inden AWE NJ—Inden AWE New Jersey NJ—Use Inden AWE NJ—Inden AWE NJ—In				
NJ—Callite Tungsten Co. Union City. AWE New Jersey NJ—JT. Baker Chemical Co Phillipsburg AWE New Jersey NJ—JT. Baker Chemical Co Phillipsburg AWE New Jersey NJ—Maywood Chemical Works Maywood AWE DOE New Jersey NJ—Maywood Chemical Works Maywood AWE DOE New Jersey NJ—Middlesex DOE New Jersey NJ—Middlesex New Jersey NJ—Middlesex New Jersey NJ—Merron Beryllia Haskell BE New Jersey NJ—New Brunswick Laboratory New Brunswick DOE New Jersey NJ—Picatinny Ng-read New Jersey NJ—Jrube Reducing Co Wayne AWE New Jersey NJ—Jts. Picpe and Foundry Burlington AWE New Jersey NJ—Ju-Net Jersey NJ—Ju-Net Jersey NJ—Ju-Net Jersey NJ—Ju-Net Jersey NJ—Ju-Net Jersey NJ—Vito Corp of America West Orange AWE New Jersey NJ—Vykoff Steel Co Newark AWE New Jersey NJ—Vykoff Steel Co Newark AWE New Jersey NJ—Workstinghouse Electric Corp Bloomfield AWE New Jersey NJ—Workstinghouse Electric Corp Bloomfield New Jersey NJ—Unios Alamos National Laboratory NJ—Los Alamos National Laboratory NJ—Los Alamos National Laboratory NJ—Los Alamos National Laboratory NJ—Los Alamos National Laboratory NJ—Polect Gashugy Nuclear Explosion Site Carisbad DOE New Mexico NM—Project Gasbudgy Nuclear Explosion Site Carisbad DOE New Mexico NM—Project Gasbudgy Nuclear Explosion Site Carisbad DOE New Mexico NM—Sandia National Laboratory NP—Workstingham New Jersey New York NY—Alsinand Stalloral Laboratory NM—Sandia National Laboratory NM—Rougadera Mesa DOE New Mexico NM—Project Grome Nuclear Explosion Site Carisbad DOE New Mexico NM—Project Grome Nuclear Explosion Site Carisbad DOE New Mexico NM—Project Grome Nuclear Explosion Site New York NY—Sandra Milliams Warehouses New York NY—Sandra Milliams Warehouses New York New York New York New York New York New York				
N.—Ohemical Construction Co. Linden AWE. New Jersey N.—AL Baker Chemical Co. Phillipsburg N.—AL Reser Chemical Co. Jersey City. AWE DOE New Jersey N.—Alwood Chemical Works Maywood AWE DOE New Jersey N.—Middlesex Municipal Landfill Middlesex. AWE DOE New Jersey N.—Middlesex Sampling Plant Middlesex. DOE New Jersey N.—National Beryllia Haskell BE New Jersey N.—National Beryllia Haskell BE New Jersey N.—Platinny Arsenal Dover AWE New Jersey N.—Plicatinny Arsenal Dover AWE New Jersey N.—Princeton DOE New Jersey N.—Interest College New Jersey N.—United Lead Co Wallington BE New Jersey N.—Virro Cop of America Middlesex AWE New Jersey New Jersey N.—Virro Cop of America Middlesex AWE New Jersey	NJ—Callite Tungsten Co	Union City	. AWE	. New Jersey
NJ—JT. Baker Chemical Co	NJ—Chemical Construction Co	Linden	.AWE	. New Jersey
NJ—Relex/Pierpont. Jersey City AWE DOE New Jersey NJ—Maywood Chemical Works Maywood Chemical Works New Jersey NJ—Middlesex Municipal Landfill Middlesex AWE DOE New Jersey NJ—Middlesex Sampling Plant. Middlesex AWE DOE New Jersey NJ—Middlesex Sampling Plant. Haskell. BE New Jersey NJ—National Beryllia. Haskell. BE New Jersey NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Picatinny Arsenal NJ—Pincaton Plasma Physics Laboratory. Pincation DOE New Jersey NJ—Pare Earths WR. Grace. Wayne AWE DOE New Jersey NJ—Rare Earths WR. Grace. Wayne AWE DOE New Jersey NJ—Rare Earths WR. Grace. Wayne AWE DOE New Jersey NJ—Tube Reducing Co. Wallington. AWE New Jersey NJ—Tube Reducing Co. Wallington. AWE New Jersey NJ—United Lead Co. Wallington. AWE New Jersey NJ—United Lead Co. Wallington. AWE New Jersey NJ—United Lead Co. Wallington. AWE New Jersey NJ—Vitro Corp of America. West Orange. AWE New Jersey NJ—Vitro Corp of America. West Orange. AWE New Jersey NJ—Vitro Corp of America. West Orange. AWE New Jersey NJ—Vitro Corp of America. Corp. Biominfield. AWE New Jersey NJ—Vitro Corp of America. Corp. Biominfield. AWE New Jersey NJ—Vitro Corp of America. Corp. Biominfield. AWE New Jersey NJ—Vitro Corp of America. Corp. Newark. AWE New Jersey NJ—Vitro Corp of America. Corp. Newark. AWE New Jersey NJ—Vitro Corp of America. Corp. Newark. AWE New Jersey NJ—Vitro Corp of America. Corp. Newark. AWE New Jersey NJ—Vitro Corp of America. Corp. Newark. AWE New Jersey NJ—Vitro Corp of America. Corp. Newark. AWE New Jersey NJ—Vitro Corp of America. Corp. Newark. AWE New Jersey NJ—Vitro Corp of America. Corp. Newark. AWE New Jersey NJ—Vitro Corp of America. New Jersey NJ—Vitro New Jersey NJ—Vitro New Jersey NJ—Vitro NJ—Vitro NJ—Vitro NJ—Vitro NJ—Vi				
NJ—Middlesex Municipal Landfill Middlesex AVE DOE New Jersey NJ—Middlesex Municipal Landfill Middlesex DOE New Jersey NJ—Middlesex Municipal Beryllia. Haskell. BE New Jersey NJ—New Brunswick DOE New Jersey NJ—New Brunswick Laboratory New Brunswick DOE New Jersey NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Picationy Arsenal Dover AWE New Jersey NJ—Pication Plasma Physics Laboratory Princeton DOE New Jersey NJ—Standard Oil Development Oo of NJ Linden. AWE New Jersey NJ—Standard Oil Development Oo of NJ Linden. AWE New Jersey NJ—Tube Reducing Co. Wallington. AWE New Jersey NJ—U.S. Pipe and Foundry Burlington BE New Jersey NJ—U.S. Pipe and Foundry Burlington BE New Jersey NJ—United Lead Co. Middlesex AWE New Jersey NJ—United Lead Co. Middlesex AWE New Jersey NJ—United Lead Co. Middlesex AWE New Jersey NJ—United Stele Co. Middlesex AWE New Jersey NJ—United Stele Co. Middlesex AWE New Jersey NJ—United Stele Co. New Ark New Jersey NJ—United Stele Co. New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—Project Ganew Nuclear Explosion Site Farmington DOE New Mexico NM—Project Ganew Nuclear Explosion Site Farmington DOE New Mexico NM—Trointy Nuclear Explosion Site Now Nuclear New York Ne				
NJ—Middlesex Mamping plant. NJ—Middlesex Sampling plant. Middlesex Campling plant. Middlesex Campling plant. Middlesex DOE New Jersey NJ—National Beryllia. Haskell. BE New Jersey NJ—New Branswick Laboratory New Branswick DOE New Jersey NJ—Princeton Plasma Physics Laboratory Princeton Dover. AWE New Jersey NJ—Princeton Plasma Physics Laboratory Princeton DOE New Jersey NJ—Princeton Plasma Physics Laboratory Princeton DOE New Jersey NJ—Standard Oil Development Co of NJ Linden. AWE New Jersey NJ—Standard Oil Development Co of NJ Linden. AWE New Jersey NJ—Standard Oil Development Co of NJ Linden. AWE New Jersey NJ—US. Pipe and Foundry Burlington BE New Jersey NJ—US. Pipe and Foundry Burlington BE New Jersey NJ—Us. Princeton New Jersey NJ—Ushten Lead Co Middlesex NAWE New Jersey NJ—Witro Corp of America West Orange. New Jersey NJ—Witro Corp of America West Orange. New Jersey NJ—Wykoff Steel Co Newark AWE New Jersey NJ—Wykoff Steel Co Newark AWE New Jersey NJ—Wykoff Steel Co Newark AWE New Jersey NJ—Whetinghouse Electric Corp Newark NM—Chupadera Mesa DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Carlsbad DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Carlsbad DOE New Mexico NM—Sandia National Laboratories NM—Sandia National National Laboratory NM—New York NY—Newsteen National Laboratory NY—New York NY—New York NY—New York NY—New York NY—New Yo	NJ—Maywood Chemical Works	Mavwood	AWE DOE	. New Jersey
NJ—National Beryllia. N-National Beryllia. Middlesex Sampling Plant. Middlesex DOE New Jersey NJ—New Brunswick Laboratory New Brunswick DOE New Jersey NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Pication Plasma Physics Laboratory New Jersey NJ—Princeton Plasma Physics Laboratory Nayne AWE New Jersey NJ—Standard Oil Development Co of NJ Linden AWE New Jersey NJ—Standard Oil Development Co of NJ Linden AWE New Jersey NJ—Use Reducing Co. Walnington AWE New Jersey NJ—United Lead Co. Middlesex AWE New Jersey NJ—United Lead Co. Middlesex AWE New Jersey NJ—United Lead Co. Middlesex AWE New Jersey NJ—United Centre New Jersey NJ—Uwestinghouse Electric Corp Bloomfield AWE New Jersey NJ—Wykoff Steel Co. Newaff New Jersey NM—Chupadera Mesa Chupadera Mesa Chupadera Mesa Chupadera Mesa DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos New New New Sersey NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—Project Ganema Nuclear Explosion Site Farmington DOE New Mexico NM—Project Ganema Nuclear Explosion Site Farmington DOE New Mexico NM—South Albuquerque DOE New Mexico New Trinity Nuclear Explosion Site Waterviett New York NY—Allenhern Steel New York NY—Allenhern Steel New York NY—Allenhern Steel New York NY—Sethelhern Steel New York NY—Sethelhern Steel New York NY—Colomie Site (National Leboratory New York NY—Sethenhern Steel New York	N.I—Middlesex Municipal Landfill	Middlesex	AWE DOE	New Jersey
NJ—National Beryllia. NJ—New Brunswick Laboratory New Brunswick DOE New Jersey NJ—Picatinny Arsenal. NJ—Princeton Plasma Physics Laboratory. Pirinceton DOE New Jersey NJ—Princeton Plasma Physics Laboratory. NJ—Princeton Plasma Physics Laboratory. NJ—Rare Earths/ W.R. Grace Wayne NWayne NWW New Jersey NJ—Standard Oil Development Co of NJ Linden NWW New Jersey NJ—Us Princeton New Jersey NJ—Vitro Corp of America New Jersey NJ—Vitro Corp of America New Jersey NJ—Witro Corp of America New Jersey NJ—Wykoff Steel Co New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Carisbad DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—South Albuquerque Works Albuquerque DOE New Mexico NM—South Albuquerque Works Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NM—Trinity Nuclear Explosion Site New Mexico New Mex	NJ-Middlesex Sampling Plant	Middlesex	DOE	New Jersey
NJ—Picatinny Arsenal Dover AWE New Jersey NJ—Picaton Plasma Physics Laboratory. Princeton DOE New Jersey NJ—Rare Earths! W.R. Grace Wayne AWE DOE New Jersey NJ—Standard Oil Development Co of NJ Linden AWE New Jersey NJ—Tube Reducing Co. Wallington AWE New Jersey NJ—Tube Reducing Co. Middlesex AWE New Jersey NJ—United Lead Co. Middlesex AWE New Jersey NJ—United Lead Co. Middlesex AWE New Jersey NJ—United Corp of America West Orange AWE New Jersey NJ—Wykoff Steel Co. Newark AWE New Jersey NJ—Wykoff Steel Co. Newark AWE New Jersey NJ—Wykoff Steel Co. Newark AWE New Jersey NM—Chupadera Mesa. Chupadera Mesa DOE New Mexico NM—Los Alamos National Laboratory. Los Alamos DOE New Mexico NM—Los Alamos National Laboratory. Los Alamos DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—Project Ganome Nuclear Explosion Site Farmington DOE New Mexico NM—Sandia National Laboratories. Albuquerque DOE New Mexico NM—South Albuquerque Works. Albuquerque DOE New Mexico NM—South Albuquerque Works. Albuquerque DOE New Mexico NM—South Nuclear Explosion Site Carlsbad DOE New Mexico NM—South Nuclear Explosion Site Site Nuclear September Site New York NM—Sandia National Laboratories. Albuquerque DOE New Mexico NM—South Nuclear Explosion Site Site Nuclear September Site New York NM—Sandia Mational Laboratories. Albuquerque DOE New Mexico NM—South Albuquerque Works. Albuquerque DOE New Mexico NM—South Albuquerque Works. Albuquerque DOE New Mexico NM—South Site Nuclear September Site Nuclear Septemb	NJ—National Bervilla	Haskell	BE	New Jersey
NJ—Pricetor Plasma Physics Laboratory. NJ—Princeton Plasma Physics Laboratory. Princeton DOE New Jersey NJ—Standard Oil Development Co of NJ Linden New Jersey NJ—Standard Oil Development Co of NJ Linden New Jersey NJ—Tube Reducing Co. Wallington BE New Jersey NJ—US. Pipe and Foundry Burlington BE New Jersey NJ—Us. Pipe and Foundry New Jersey NJ—Us. Pipe and Foundry New Jersey NJ—Ushited Lead Co. Middlesex AWE New Jersey NJ—Witro Corp of America West Orange AWE New Jersey NJ—Witro Corp of America New Sersey NJ—Witro Corp of America New New Jersey NJ—Wykoff Steel Co. New Mexico NM—Lougdera Mesa Chupadera Mesa Chupadera Mesa Chupadera Mesa DOE New Mexico NM—Los Alamos Medical Center Los Alamos NBedical Center Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos NM—Lovelace Respiratory Research Institute Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—South Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site Range NM—Waste Isolation Pilot Plant Carlsbad DOE New Mexico NM—Ashland Oil New Mexico NY—Allegheny-Ludlum Steel New York NY—Ashland Oil New York NY—Ashland Oil Tonawanda New York NY—Sethlahem Steel New York NY—Baker and Williams Warehouses New York NY—Bethlehem Steel Lackawana New York NY—Bethlehem Steel Lackawana New York NY—Bethlehem Steel New York NY—Bethlehem Steel New York NY—Colonie Site (National Laboratory New York NY—Colonie Site (N	NJ—New Brunswick Laboratory	New Brunswick	DOE	New Jersey
NJ—Princeton Plasma Physics Laboratory. NJ—Rare Earths/ W.R. Grace NJ—Standard Oil Development Co of NJ Linden	NJ—Picatinny Arsenal	Dover	AWE	New Jersey
NJ—Standard Oil Development Co of NJ NJ—Standard Oil Development Co of NJ Linden NWE New Jersey NJ—Tube Reducing Co. Wallington BE New Jersey NJ—Us Pipe and Foundry Burlington BE New Jersey NJ—Us Pipe and Foundry Burlington BE New Jersey NJ—Vitro Corp of America West Orange NWE New Jersey NJ—Witro Corp of America West Orange NWE New Jersey NJ—Witro Corp of America New Jersey NJ—Witro Corp of America New Jersey NJ—Wykoff Steel Co Newark NWE New Jersey NJ—Wykoff Steel Co Newark NWE New Jersey NJ—Wykoff Steel Co New Mexico NM—Los Alamos Medical Center Los Alamos NGE New Mexico NM—Los Alamos Medical Laboratory Los Alamos NGE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Carisbad DOE New Mexico NM—South Albuquerque NM—Westec NM—South Albuquerque NM—Westec NM—Trinity Nuclear Explosion Site Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site New Mexico New York N	NJPrinceton Plasma Physics Laboratory	Princeton	DOE	New Jersev
NJ—Tube Reducing Co. NJ—Tube Reducing Co. NJ—UL S. Pipe and Foundry NJ—UL S. Pipe and Foundry NJ—UL S. Pipe and Foundry NJ—Ultoned Lead Co. Middlesex New Jersey NJ—Ultoned Lead Co. Middlesex NWE New Jersey NJ—Westinghouse Electric Corp Bloomfield NWE New Jersey NJ—Wykoff Steel Co. Newark New Jersey NJ—Wykoff Steel Co. Newark New Jersey NJ—Wykoff Steel Co. Newark New Jersey NM—Chupadera Mesa Chupadera Mesa DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos National Laboratory NM—Project Gasbugy Nuclear Explosion Site Farmington NM—Project Gasbugy Nuclear Explosion Site Farmington NM—Sandia National Laboratories NM—Sandia National Laboratories NM—South Albuquerque Works NM—South Albuquerque Works NM—Trinity Nuclear Explosion Site New Mexico New Mexico NM—Trinity Nuclear Explosion Site New Mexico New York NY—Allando III New York NY—Allando III New York NY—Allando III New York NY—Allando III New York NY—Setelled New York NY—Olonie Site (National Lead) Nocionie Alexe New York NY—Olonie Site (National Lead) Nocionie Alexe				
NJ—U.S. Pipe and Foundry NJ—United Lead Co. Middlesex AWE New Jersey NJ—Vitro Corp of America NWest Orange NWE New Jersey NJ—Witro Corp of America NWE New Jersey NJ—Witro Corp of America NWE New Jersey NJ—Witro Corp of America NWE New Jersey NJ—Wykoff Steel Co. New Mexic NW—Chupadera Mesa DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Lovelace Respiratory Research Institute Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—South Albuquerque Works Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site Range NM—Waste Isolation Pilot Plant Carlsbad DOE New Mexico NW—Allegheny-Ludlum Steel Watervilet AWE New York NY—Alland Oil Tonawanda AWE DOE New York NY—Ashland Oil Tonawanda AWE New York NY—Bethlehem Steel Lackawana AWE New York NY—Bethlehem Steel Lackawana AWE New York NY—Bethlehem Steel New York NY—Brockhaven National Laboratory Upton DOE New York NY—Brockhaven National Laboratory Upton DOE New York NY—Columbia University New York NY—Columbia University New York NY—Columbia University New York NY—Columbia University New York NY—General Astrometals Now York NY—General Astrometals Niagara Falls AWE New York NY—Ledoux and Co. New York NY—Led				
NJ—United Lead Co. Middlesex AWE New Jersey NJ—Vitro Corp of America West Orange AWE New Jersey NJ—Vitro Corp of America West Orange AWE New Jersey NJ—Westinghouse Electric Corp. Bloomfield AWE New Jersey NJ—Wykoff Steel Co. Newark AWE New Jersey NM—Chupadera Mesa Chupadera Mesa DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—Project Grome Nuclear Explosion Site Albuquerque DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—South Albuquerque Works Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site NM—Waste Isolation Pilot Plant Carisbad DOE New Mexico NM—American Machine and Foundry Beroklyn Ny—American Machine and Foundry Ny—American Machine and Foundry Ny—American Machine and Foundry Ny—Baker and Williams Warehouses New York Ny—Baker and Williams Warehouses New York Ny—Biss & Laughlin Steel Buffalo New York Ny—Biss & Laughlin Steel New York Ny—Biss & Laughlin Steel Buffalo AWE New York Ny—Brokhaven National Laboratory Upton DOE New York Ny—Brokhaven National Laboratory Upton DOE New York Ny—Colonie Site (National Lead) New York Ny—Colonie Site (National Lead) New York Ny—General Astrometals New York Ny—General Astrometals New York Ny—General Astrometals New York Ny—Hooker Electrochemical Niagara Falls New York Ny—Ledoux and Co New York Ny—Persender Co New York Ny—Persender Co New York Ny—Persender Co New York Ny—Ledoux and Co New York Ny—Renselaer Polytechnic Institute New York Ne				
NJ—Utito Corp of America NJ—Vito Corp of America New Jersey NJ—Westinghouse Electric Corp. Bloomfield AWE New Jersey NJ—Wykoff Steel Co. New Ark New Jersey NJ—Wykoff Steel Co. New Mexico NM—Chupadera Mesa DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Albuquerque DOE New Mexico NM—Project Ganery Nuclear Explosion Site Carisbad DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—Sundia National Laboratories New Mexico NM—Waste Isolation Pilot Plant Carisbad DOE New Mexico New Mexico NY—Allegheny-Ludlum Steel Waterviet AWE New York NY—Ashland Oil Tonawanda AWE DOE New York NY—Ashland Oil New York NY—Bethlehem Steel Brooklyn AWE New York NY—Bethlehem Steel Buffalo AWE DOE New York New York NY—Burns & Roe, Inc Mexico New York NY—Burns & Roe, Inc Mexico New York NY—Colonie Site (National Lead) Noe Nork NY—Colonie Site (National Lead) Niagara Falls New York NY—Ledoux and Co New York NY—Renseslaer Polytechnic Institute New York New York N	N.I—U.S. Pine and Foundry	Burlington	BE	New Jersey
NJ—Vitro Corp of America	N.I—United Lead Co	Middlesex	AWE	New Jersey
NJ—Westinghouse Electric Corp. NJ—Wykoff Steel Co. Newark NAWE New Jersey NM—Chupadera Mesa DOE New Mexico NM—Los Alamos Medical Center Los Alamos Newark NAWE New Jersey NM—Chupadera Mesa DOE New Mexico NM—Los Alamos Medical Center Los Alamos DOE New Mexico NM—Lovelace Respiratory Research Institute Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Carlsbad DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NM—Waste Isolation Pilot Plant Carlsbad DOE New Mexico NY—Allegheny-Ludlum Steel Watervilet AWE New York NY—Ashland Oil Tonawanda AWE New York NY—Ashland Oil Tonawanda AWE New York NY—Batch and Williams Warehouses New York NY—Bethlehem Steel Lackawana AWE New York NY—Bethlehem Steel Lackawana AWE New York NY—Burns & Roe, Inc Maspeth Buffalo AWE DOE New York NY—Burns & Roe, Inc Maspeth BE New York NY—Columbia University New York NY—Columbia University New York NY—Clumbia University New York NY—Clumbia University New York NY—General Astrometals Yonkers BE New York NY—Clumbia University New York NY—General Astrometals Yonkers BE New York NY—Clumbia University New York NY—General Astrometals Yonkers BE New York NY—Clumbia University New York NY—Clumbia University New York NY—Lelectro Metallurgical Niagara Falls New York NY—Lelectro Metallurgical New York NY—Lelectro Metallurgical New York NY—Lelectro Metallurgical	NJ—Vitro Corp of America	West Orange	AWE	New Jersey
NJ—Wykoff Steel Co New Mexico NM—Chupadera Mesa DOE New Mexico NM—Los Alamos Medicial Center Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Los Alamos DOE New Mexico NM—Los Alamos National Laboratory Research Institute Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—Project Gnome Nuclear Explosion Site Carlsbad DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—South Albuquerque Works Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NM—Trinity Nuclear Explosion Site Range DOE New Mexico NM—Waste Isolation Pilot Plant Range NM—Waste Isolation Pilot Plant Carlsbad DOE New Mexico NM—Allegheny-Ludlum Steel Watervilet AWE New York NY—Allegheny-Ludlum Steel Watervilet AWE New York NY—Ashland Oil Tonawanda AWE DOE New York NY—Bethlehem Steel Lackawana AWE DOE New York NY—Bethlehem Steel Lackawana AWE DOE New York NY—Bitos & Laughlin Steel Buffalo AWE DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Brors Roe, Inc. Maspeth BE New York NY—Colomibia University New York City AWE DOE New York NY—Colomibia University New York Niagara Falls AWE New York NY—Cletto Steel Co Syracuse AWE New York NY—General Astrometals Yonkers BE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY	N.I—Westinghouse Electric Corp	Bloomfield	AWE	New Jersey
NM—Chupadera Mesa	NJ—Wykoff Steel Co	Newark	AWE	New Jersey
NM—Los Alamos Medical Center. NM—Los Alamos National Laboratory Los Alamos Nd—Lovelace Respiratory Research Institute. Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—Project Ganome Nuclear Explosion Site Carlsbad DOE New Mexico NM—Sandia National Laboratories. Albuquerque DOE New Mexico NM—South Albuquerque Works Albuquerque DOE New Mexico NM—South Albuquerque Works Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NW—Waste Isolation Pilot Plant Carlsbad DOE New Mexico NW—Waste Isolation Pilot Plant Carlsbad DOE New Mexico NW—Waste Isolation Pilot Plant New York NY—Allegheny-Ludlum Steel Watervilet Watervilet AWE New York NY—American Machine and Foundry Brooklyn Brooklyn AWE New York NY—Baker and Williams Warehouses New York NY—Bethlehem Steel Lackawana AWE New York NY—Bethlehem Steel Lackawana AWE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Brookhaven National Lead) Colonie (Albany) AWE DOE New York NY—Columbia University New York NY—Columbia University New York NY—Columbia University New York NY—Ceneral Astrometals Yonkers BE New York NY—General Astrometals New York NY—General Astrometals New York NY—General Astrometals New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—				
NM—Los Alamos National Laboratory. Los Alamos DOE New Mexico NM—Lovelace Respiratory Research Institute Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Farmington DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Carlsbad DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—South Albuquerque Works. Albuquerque DOE New Mexico NM—South Albuquerque Works. Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico NM—Vaste Isolation Pilot Plant DOE New Mexico NY—Allegheny-Ludlum Steel Watervliet AWE New York NY—Ashland Oil Tonawanda AWE New York NY—Ashland Oil Tonawanda AWE DOE New York NY—Baker and Williams Warehouses. New York AWE New York NY—Bliss & Laughlin Steel Buffalo AWE DOE New York NY—Bliss & Laughlin Steel Buffalo AWE DOE New York NY—Burns & Roe, Inc Maspeth BE New York NY—Burns & Roe, Inc Maspeth BE New York NY—Colonie Site (National Lead). Colonie (Albany) AWE DOE New York NY—Crucible Steel Co Syracuse. AWE New York NY—Crucible Steel Co Syracuse. AWE New York NY—Crucible Steel New York NY—General Astrometals Yorker NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc. Mit Kisco. AWE New York NY—Lake Ontario Ordnance Works Niagara Falls AWE New York NY—Linter Co New York NY—Ledoux and Co New York NY—Ledoux and Co New York NY—Ledoux and Co New York NY—Peek Street Facility 1 New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Peek Street Facility 1 New York NY—Rensselaer Polytechnic Institute	NM—Los Alamos Medical Center.	Los Alamos	DOE	. New Mexico
NM—Lovelace Respiratory Research Institute. Albuquerque DOE New Mexico NM—Project Gasbuggy Nuclear Explosion Site Carisbad DOE New Mexico NM—Project Gnome Nuclear Explosion Site Carisbad DOE New Mexico NM—Sandia National Laboratories Albuquerque DOE New Mexico NM—South Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site White Sands Missile Range NM—Waste Isolation Pilot Plant Carlsbad DOE New Mexico NY—Allegheny-Ludlum Steel Watervliet AWE New York NY—Ashland Oil Tonawanda AWE New York NY—Bethlehem Steel Lackawana AWE New York NY—Bethlehem Steel Lackawana AWE New York NY—Burns & Roe, Inc Maspeth NY—Colomic Site (National Lead) Colonie Site (National Lead) New York NY—Crucible Steel Co Syracuse New York NY—General Astrometals New York NY—General Astrometals New York NY—General Astrometals New York NY—International Rare Metals Refinery, Inc. Misgara Falls New York NY—Lake Ontario Ordnance Works NY—Linde Air Products New York NY—Lence New York NY—Lence Metallurgical Niagara Falls New York NY—Lake Ontario Ordnance Works NY—Lence New York NY—Lence New York NY—Lence Metallurgical Niagara Falls New York NY—Lake Ontario Ordnance Works Niagara Falls New York NY—Lence New York NY—Rensselaer Polytechnic Institute Troy AWE New York New York	NM—Los Alamos National Laboratory	Los Alamos	DOE	. New Mexico
NM—Project Gasbuggy Nuclear Explosion Site	NM-Lovelace Respiratory Research Institute	Albuquerque	DOE	. New Mexico
NM—Project Gnome Nuclear Explosion Site NM—Sandia National Laboratories Albuquerque DOE New Mexico New Mexico NM—South Albuquerque Works Albuquerque DOE New Mexico New York New Yo	NM—Project Gasbuggy Nuclear Explosion Site	Farmington	DOE	. New Mexico
NM—Sandia National Laboratories. Albuquerque DOE New Mexico NM—Trinity Nuclear Explosion Site NM—Waste Isolation Pilot Plant Carlsbad DOE New Mexico New Moxico NM—Waste Isolation Pilot Plant Carlsbad DOE New Mexico New Moxico New Moxico New York NM—Allegheny-Ludlum Steel New York NH—Ashland Oil Tonawanda AWE New York NM—Baker and Williams Warehouses New York NM—Baker and Williams Warehouses New York NM—Bethlehem Steel Lackawana AWE New York NM—Bliss & Laughlin Steel Buffalo AWE DOE New York NM—Brookhaven National Laboratory Upton DOE New York NM—Burns & Roe, Inc. Maspeth BE New York NM—Colonie Site (National Lead) Colonie (Albany) AWE DOE New York NM—Columbia University New York City New York NM—Ceneral Astrometals Niagara Falls AWE New York NM—General Astrometals Yonkers BE New York NM—General Astrometals Yonkers BE New York NM—International Rare Metals Refinery, Inc. Mt. Kisco AWE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Lake Ontario Ordnance Works Niagara Falls DOE New York NM—Reversity N	NM—Project Gnome Nuclear Explosion Site	Carlsbad	DOE	New Mexico
NM—South Albuquerque Works. NB—Trinity Nuclear Explosion Site White Sands Missile DOE New Mexico New Mexico Range NM—Waste Isolation Pilot Plant Carlsbad DOE New Mexico NY—Allegheny-Ludlum Steel Watervliet Brooklyn AWE New York NY—Ashland Oil Tonawanda AWE DOE New York NY—Baker and Williams Warehouses New York NY—Bliss & Laughlin Steel Buffalo AWE DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Brookhaven National Lead) Colonie (Albany) AWE DOE New York NY—Columbia University New York NY—Columbia University New York NY—General Astrometals NY—General Astrometals NY—Hooker Electrochemical Niagara Falls New York NY—Lake Ontario Ordance Works NY—Lake Ontario Ordance Works NY—Linde Air Products New York NY—Linde Air Products New York NY—Peek Street Facility New York Niagara Falls DOE New York New York Ny—Lake Ontario Ordance Works Niagara Falls DOE New York NY—Ledoux and Co New York NY—Ledoux and Co New York NY—Ledoux and Co New York NY—Lende Air Products Buffalo AWE New York New York NY—New York University New York New Yo	NM—Sandia National Laboratories	Albuquerque	DOE	. New Mexico
NM—Trinity Nuclear Explosion Site. NM—Waste Isolation Pilot Plant. Carlsbad. DOE. New Mexico NY—Allegheny-Ludlum Steel. Watervliet. AWE. New York NY—American Machine and Foundry. Brooklyn. AWE. New York NY—Ashland Oil. Tonawanda. New York NY—Baker and Williams Warehouses. New York. New York. NY—Bethlehem Steel. New York NY—Bliss & Laughlin Steel. Buffalo. AWE DOE. New York NY—Brookhaven National Laboratory. Upton. DOE. New York NY—Burns & Roe, Inc. Maspeth. BE. New York NY—Colonie Site (National Lead). Colonie (Albany). New York NY—Crucible Steel Co. Syracuse. New York NY—Crucible Steel Co. Syracuse. AWE. New York NY—General Astrometals. NY—General Astrometals. Yonkers. BE. New York NY—Hooker Electrochemical. Niagara Falls. AWE. New York NY—International Rare Metals Refinery, Inc. Mt. Kisco. Mt. Kisco. AWE. New York NY—Ledoux and Co. New York NY—New York University. New York NY—Reensselaer Polytechnic Institute. Troy AWE. New York Ne	NM—South Albuquerque Works	Albuquerque	DOE	. New Mexico
NM—Waste Isolation Pilot Plant	NM—Trinity Nuclear Explosion Site	White Sands Missile	DOE	New Mexico
NY—Allegheny-Ludlum Steel Watervliet AWE New York NY—American Machine and Foundry Brooklyn AWE New York NY—Ashland Oil Tonawanda AWE DOE New York NY—Baker and Williams Warehouses New York AWE DOE New York NY—Bethlehem Steel Lackawana AWE DOE New York NY—Bethlehem Steel Lackawana AWE New York NY—Bliss & Laughlin Steel Buffalo AWE DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Burns & Roe, Inc Maspeth BE New York NY—Colonie Site (National Lead). Colonie (Albany) AWE DOE New York NY—Colonie Site (National Lead). Colonie (Albany) AWE DOE New York NY—Crucible Steel Co Syracuse. AWE New York NY—Crucible Steel Co Syracuse. AWE New York NY—General Astrometals Yonkers BE New York NY—General Astrometals Yonkers BE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc Mt. Kisco AWE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co New York NY—Linde Air Products Buffalo AWE New York NY—Linde Air Products Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—New York University New York New York AWE New York NY—New York University New York AWE New York NY—New York University New York New York AWE New York NY—Peek Street Facility Schenectady DOE New York NY—Rensselaer Polytechnic Institute Troy AWE New York New York New York NY—Rensselaer Polytechnic Institute Troy AWE New York		Range		
NY—Allegheny-Ludlum Steel Watervliet AWE New York NY—American Machine and Foundry Brooklyn AWE New York NY—Ashland Oil Tonawanda AWE DOE New York NY—Baker and Williams Warehouses New York AWE DOE New York NY—Bethlehem Steel Lackawana AWE DOE New York NY—Bethlehem Steel Lackawana AWE New York NY—Bliss & Laughlin Steel Buffalo AWE DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Burns & Roe, Inc Maspeth BE New York NY—Colonie Site (National Lead). Colonie (Albany) AWE DOE New York NY—Colonie Site (National Lead). Colonie (Albany) AWE DOE New York NY—Crucible Steel Co Syracuse. AWE New York NY—Crucible Steel Co Syracuse. AWE New York NY—General Astrometals Yonkers BE New York NY—General Astrometals Yonkers BE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc Mt. Kisco AWE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co New York NY—Linde Air Products Buffalo AWE New York NY—Linde Air Products Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—New York University New York New York AWE New York NY—New York University New York AWE New York NY—New York University New York New York AWE New York NY—Peek Street Facility Schenectady DOE New York NY—Rensselaer Polytechnic Institute Troy AWE New York New York New York NY—Rensselaer Polytechnic Institute Troy AWE New York	NM—Waste Isolation Pilot Plant	Carlsbad	DOE	. New Mexico
NY—American Machine and Foundry. Brooklyn. AWE New York NY—Ashland Oil. Tonawanda AWE New York NY—Baker and Williams Warehouses. New York NY—Bethlehem Steel. Lackawana AWE New York NY—Biss & Laughlin Steel Buffalo AWE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Colonie Site (National Lead). Colonie (Albany) New York City AWE New York NY—Crucible Steel Co Syracuse. AWE New York NY—General Astrometals NY—General Astrometals NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc. Mt. Kisco AWE New York NY—Lake Ontario Ordnance Works Niagara Falls New York NY—Ledoux and Co New York NY—Linde Air Products Buffalo AWE New York Niagara Falls DOE New York New Yo	NY—Allegheny-Ludium Steel	Watervliet	AWE	. New York
NY—Baker and Williams Warehouses. New York NY—Bethlehem Steel. Lackawana AWE New York NY—Bliss & Laughlin Steel Buffalo AWE DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Burns & Roe, Inc Maspeth BE New York NY—Colonie Site (National Lead). Colonie (Albany) New York City NY—Columbia University New York City NY—Crucible Steel Co Syracuse AWE New York NY—Electro Metallurgical Niagara Falls AWE New York NY—Hooker Electrochemical Niagara Falls New York NY—International Rare Metals Refinery, Inc NY—Ithaca Gun Co Ithaca Niagara Falls DOE New York NY—Ledoux and Co New York NY—Ledoux and Co New York NY—Ledoux and Co New York NY—Linde Air Products Buffalo New York NY—Linde Ceramics Plant Tonawanda AWE New York New York NY—New York University New York NY—Ledoux and Co New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—Ledoux AWE New York NY—Ledoux AWE New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—Ledoux AWE New York NY—Ledoux AWE New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—New York University New York NY—Redium Chemical Co New York NY—Readium Chemical Co New York NY—Readium Chemical Co New York NY—Rensselaer Polytechnic Institute Troy AWE New York New	NY-American Machine and Foundry	Brooklyn	AWE	. New York
NY—Bethlehem Steel	NY—Ashland Oil	Tonawanda	AWE DOE	. New York
NY—Bliss & Laughlin Steel Buffalo AWE DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Burns & Roe, Inc. Maspeth BE New York NY—Colonie Site (National Lead). Colonie (Albany) AWE DOE New York NY—Columbia University New York City AWE DOE New York NY—Crucible Steel Co Syracuse AWE New York NY—Electro Metallurgical Niagara Falls AWE New York NY—General Astrometals Yonkers BE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc. Mt. Kisco AWE New York NY—Ithaca Gun Co Ithaca AWE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co New York AWE New York NY—Ledoux and Co New York AWE New York NY—Linde Air Products Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE DOE New York NY—Ledo Ceramics Plant Tonawanda AWE New York NY—New York University New York NY—New York University New York NY—Redium Chemical Co New York New York NY—Readium Chemical Co New York Ne	NY—Baker and Williams Warehouses	New York	AWE DOE	New York
NY—Bliss & Laughlin Steel Buffalo AWE DOE New York NY—Brookhaven National Laboratory Upton DOE New York NY—Burns & Roe, Inc. Maspeth BE New York NY—Colonie Site (National Lead). Colonie (Albany) AWE DOE New York NY—Columbia University New York City AWE DOE New York NY—Crucible Steel Co Syracuse AWE New York NY—Electro Metallurgical Niagara Falls AWE New York NY—General Astrometals Yonkers BE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc. Mt. Kisco AWE New York NY—Ithaca Gun Co Ithaca AWE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co New York AWE New York NY—Ledoux and Co New York AWE New York NY—Linde Air Products Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE DOE New York NY—Ledo Ceramics Plant Tonawanda AWE New York NY—New York University New York NY—New York University New York NY—Redium Chemical Co New York New York NY—Readium Chemical Co New York Ne	NY—Bethlehem Steel	Lackawana	AWE	New York
NY—Burns & Roe, Inc	NY—Bliss & Laughlin Steel	Buffalo	AWE DOE	. New York
NY—Colonie Site (National Lead)	NY—Brookhaven National Laboratory	Upton	DOE	. New York
NY—Columbia University New York City AWE DOE New York NY—Crucible Steel Co Syracuse AWE New York NY—Electro Metallurgical Niagara Falls AWE New York NY—General Astrometals Yonkers BE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc. Mt. Kisco AWE New York NY—Ithaca Gun Co Ithaca. AWE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co New York NY—Linde Air Products Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—Linde Ceramics Plant Tonawanda AWE New York NY—New York University New York New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Radium Chemical Co New York New York New York NY—Radium Chemical Co New York New Yor	NY—Burns & Roe, Inc	Maspeth	BE	. New York
NY—Crucible Steel Co	NY—Colonie Site (National Lead)	Colonie (Albany)	AWE DOE	. New York
NY—Electro Metallurgical Niagara Falls AWE New York NY—General Astrometals Yonkers BE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc. Mt. Kisco AWE New York NY—Ithaca Gun Co Ithaca AWE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co New York NY—Ledoux and Co New York NY—Linde Air Products Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE DOE New York NY—New York University New York AWE New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Radium Chemical Co New York NY—Rensselaer Polytechnic Institute Troy AWE New York	NY—Columbia University	New York City	AWE DOE	New York
NY—General Astrometals Yonkers BE New York NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc. Mt. Kisco AWE New York NY—Ithaca Gun Co Ithaca AWE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co New York AWE New York NY—Linde Air Products Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE DOE New York NY—New York University New York AWE New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Radium Chemical Co New York AWE New York NY—Rensselaer Polytechnic Institute Troy AWE New York	NY—Crucible Steel Co	Syracuse	AWE	. New York
NY—Hooker Electrochemical Niagara Falls AWE New York NY—International Rare Metals Refinery, Inc. Mt. Kisco AWE New York NY—Ithaca Gun Co Ithaca AWE New York NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co New York AWE New York NY—Linde Air Products Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE DOE New York NY—New York University New York AWE New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Radium Chemical Co New York AWE New York NY—Rensselaer Polytechnic Institute Troy AWE New York	NY—Electro Metallurgical	Niagara Falls	AWE	New York
NY—International Rare Metals Refinery, Inc. Mt. Kisco. AWE. New York NY—Ithaca Gun Co. Ithaca. New York NY—Lake Ontario Ordnance Works. Niagara Falls. DOE. New York NY—Ledoux and Co. New York NY—Linde Air Products. NY—Linde Ceramics Plant. NY—New York University. NY—New York University. NY—Peek Street Facility 1. Schenectady. NY—Radium Chemical Co. New York NY—Rensselaer Polytechnic Institute. Mt. Kisco. AWE. New York	NY—General Astrometals	Yonkers	BE	New York
NY—Ithaca Gun Co. Ithaca. AWE. New York NY—Lake Ontario Ordnance Works. Niagara Falls. DOE. New York NY—Ledoux and Co. New York. AWE. New York NY—Linde Air Products. Buffalo. AWE. New York NY—Linde Ceramics Plant. Tonawanda. AWE. New York NY—New York University. New York New York New York NY—Peek Street Facility 1. Schenectady. DOE. New York NY—Radium Chemical Co. New York. AWE. New York NY—Rensselaer Polytechnic Institute. Troy. AWE. New York	NY—Hooker Electrochemical	Niagara Falls	AWE	. New York
NY—Lake Ontario Ordnance Works Niagara Falls DOE New York NY—Ledoux and Co. New York AWE New York NY—Linde Air Products. Buffalo AWE New York NY—Linde Ceramics Plant Tonawanda AWE DOE New York NY—New York University New York AWE New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Radium Chemical Co New York AWE New York NY—Rensselaer Polytechnic Institute Troy AWE New York				
NY—Ledoux and Co. New York AWE New York NY—Linde Air Products. Buffalo. AWE New York NY—Linde Ceramics Plant. Tonawanda. AWE DOE New York NY—New York University. New York AWE New York NY—Peek Street Facility 1 Schenectady. DOE New York NY—Radium Chemical Co. New York AWE New York NY—Rensselaer Polytechnic Institute Troy AWE New York	NY—Ithaca Gun Co	Ithaca	AWE	. New York
NY—Linde Air Products	NY—Lake Ontario Ordnance Works	Niagara Falls	DOE	. New York
NY—Linde Ceramics Plant Tonawanda AWE DOE New York NY—New York University New York AWE New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Radium Chemical Co New York AWE New York NY—Rensselaer Polytechnic Institute Troy AWE New York	NY—Ledoux and Co	New York	AWE	New York
NY—New York AWE New York NY—Peek Street Facility 1 Schenectady DOE New York NY—Radium Chemical Co New York AWE New York NY—Rensselaer Polytechnic Institute Troy AWE New York	NY—Linde Air Products	Buffalo	AWE	. New York
NY—Peek Street Facility 1	NY—Linde Ceramics Plant	Tonawanda	AWE DOE	New York
NY—Radium Chemical Co				
NY—Rensselaer Polytechnic Institute		한 경기 가는 내는 이 것이 있을 때문을 하면 하는 것이 없는데 가장 하는데		
NY—Rensselaer Polytechnic Institute				
	NY—Rensselaer Polytechnic Institute	1 roy	AWE	New York
NY—Sacandaga Facility 1	NY—Sacandaga Facility 1	Genville	DUE	, new TORK

DA Musican Materials and Covings and Com. (NUMEC)	Davis Taumahin	ASAIT	Dependents '
PA—Nuclear Materials and Equipment Corp. (NUMEC)PA—Penn Salt Co			
PA—Philadelphia Naval Yard			
PA—Shippingport Atomic Power Plant			
PA—Superior Steel Co			
PA—U.S. Steel Co, National Tube Division	Makasanari	AVVE	Pennsylvania
PA—Vitro Manufacturing	Cononchura	AVVE	Pennsylvania
PA—Westinghouse Atomic Power Development Plant			
PR—BONUS Reactor Plant			
PR—Puerto Rico Nuclear Center			
RI—C.I. Hayes, Inc			
SC—Savannah River Site			
TN—Clarksville Facility	Clarksville	DOE	rennessee
TN—Oak Ridge Gaseous Diffusion Plant (K-25)			
TN—Oak Ridge Hospital			
TN—Oak Ridge Institute for Science Education			
TN—Oak Ridge National Laboratory (X–10)			
TN—Vitro Corp. of America			
TN—W. R. Grace			
TN—Y-12 Plant	3		
TX—AMCOT			
TX—Mathieson Chemcial Co			
TX—Medina Facility			
TX—Pantex Plant			
TX—Sutton, Steele and Steele Co	Dallas	AWE	Texas
TX—Texas City Chemicals, Inc			
VA—Babcock & Wilcox Co	Lynchburg	AWE	Virginia
VA—Thomas Jefferson National Accelerator Facility	Newport News	DOE	Virginia
VA—University of Virginia			
WA—Hanford	Richland	DOE	Washington
WA—Pacific Northwest National Laboratory	Richland	DOE	Washington
WV—Huntington Pilot Plant	Huntington	AWE DOE	West Virginia
WI-Allis-Chalmers Co	West Allis, Milwaukee	AWE	Wisconsin
Wi-Besley-Wells			
WI—LaCrosse Boiling Water Reactor	LaCrosse	DOE	Wisconsin
WI—Ladish Co	Cudahy	BE	Wisconsin
MR—Pacific Proving Ground	Marshall Islands	DOE	Marshall Islands.
Consistent with the Act, coverage is limited to activities not perfo			
program.			
Davids Describe County includes Dikini Atali Proceeds Atali Is	h-st /		mbs) and Obsistance

2 Pacific Proving Ground includes Bikini Atoll, Enewetak Atoll, Johnston (nuclear weapons testing activities only), and Christmas

Island (U.S.nuclear weapons testing activities only).

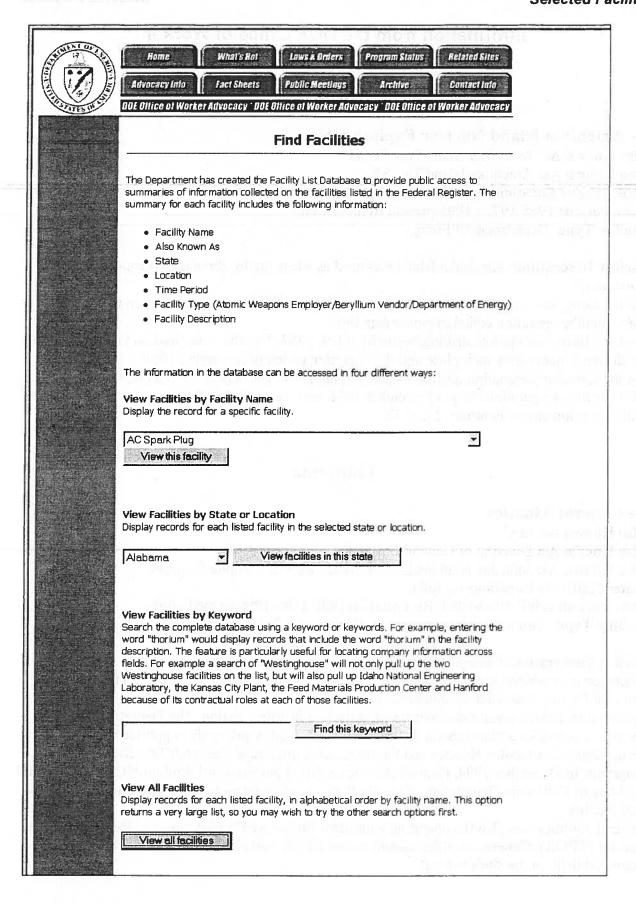
The following are links so you may check the web site for updates.

http://tis.eh.doe.gov/advocacy/faclist/findfacility.cfm

You can also reach it through:

http://www.dol.gov/

http://tis.eh.doe.gov/advocacy/laws/20010611list.pdf



13 - Lawrence Berkeley National Laboratory

Also Known As: Radiation Laboratory

Also Known As: LBL

Also Known As: Lawrence Radiation Laboratory

State: California Location: Berkeley

Time Period: 1939-present

Facility Type: Department of Energy

Facility Description: Since the early 1930s, the University of California has leased the <u>Lawrence Berkeley National Laboratory</u> to the Department of Energy for a wide range of energy- related research activities, including research in nuclear and high-energy physics, accelerator research and development, materials research, and chemistry, geology, molecular biology, and biomedical research. Scientists at Berkeley developed the electromagnetic enrichment process that was installed and operated at the Y-12 plant in Oak Ridge from 1943-1947.

14 - Lawrence Livermore National Laboratory

Also Known As: California Radiation Laboratory

State: California Location: Livermore

Time Period: 1950-present

Facility Type: Department of Energy

Facility Description: The Atomic Energy Commission established the Lawrence Livermore National Laboratory as a facility for nuclear weapons research. The Department of Energy (DOE) owns the Lawrence Livermore National Laboratory Main Site and Site 300; DOE and the University of California jointly operate the sites. The Main Site was initially used as a flight training base and an engine overhaul facility. Transition from naval operations to scientific research began in 1950, when the Atomic Energy Commission (AEC) authorized construction of a materials-testing accelerator site. The AEC established the University of California Radiation Laboratory, Livermore Site (the predecessor of the Lawrence Livermore National Laboratory) as a facility for nuclear weapons research. The Department of Energy purchased Lawrence Livermore National Laboratory's Site 300 from local ranchers in the 1950s for use as a remote high-explosives testing facility.

Man III may be by the bridge of add

Nevada

2 - Project Faultless Nuclear Explosion Site
State: Nevada Location: Central Nevada Test Site

Time Period: 1967-1974

Facility Type: Department of Energy

Facility Description: Project Fautless was an underground nuclear test explosion conducted at the Central Nevada Test Site, which was part of a program designed to improve the United States' ability to detect, identify, and locate underground nuclear exposions. The Faultess test was conducted to determine the suitablity of the area for additional seismic testing. Non-nuclear experiments designed to determine the behavior of seismic waves were also conducted in the vicinity.

Drilling for this project began July 1967; the operation period began on November 27, 1967. The shot was fired on January 19, 1968. On December 9, 1979, the site was placed in caretaker status and demobilization and restoration work was conducted during fiscal 1974.

3 - Project Shoal Nuclear Explosion Site

State: Nevada Location: Fallon Time Period: 1962-1964

Facility Type: Department of Energy

Facility Description: Project Shoal was an underground nuclear test explosion which was part of a program designed to improve the United States' ability to detect, identify, and locate underground nuclear explosions. The Shoal test was conducted to determine the behavior and characteristics of seismic signals generated by nuclear expolsions in specific geological formations and to differentiate them from seismic signals generated by earthquakes.

Construction for this shot began in late 1962. The shot was fired on October 10, 1963. Post-shot drilling began October 28, 1963; drilling and sampling of one vertical bore hole was completed on December 20, 1963. Reopening and sampling the USBM#1 bore hole was completed on January 15, 1964. Site deactivation of the Shoal Project began on October 28, 1963 and rollup was completed by January 31, 1964.

(uranium tetrafloride). The facility later conducted research and development with uranium (1949-1953) and extruded thorium billets into slugs which were placed in Hanford production reactors (1952-1953).

The Brush Cleveland facility also produced beryllium metal and beryllium oxide for the MED (1943-1946) and later for the AEC (1947-1965?).

13 - Clifton Products Co.

State: Ohio Location: Painesville

Time Period: 1940-1952

Facility Type: Beryllium Vendor

Facility Description: In the 1940's, Clifton had at least six large contracts with the AEC to supply beryllium products. By 1949, at least 8 beryllium-related deaths had occurred at Clifton.

31 - Portsmouth Gaseous Diffusion Plant

State: Ohio Location: Piketon
Time Period: 1954-1993

Facility Type: Department of Energy

Facility Description: The U.S. began construction of Portsmouth in 1952 in order to expand the nation's gaseous diffusion program. The gaseous diffusion plants already operating in Oak Ridge, TN and Paducah, KY were not able to fulfill the nation's need for highly enriched and low-enriched uranium. Portsmouth was used for isotope separation. Beginning in 1954, Portsmouth produced highly enriched uranium (which contains more than 20 percent uranium-235) to support nuclear weapons production and, later, for use by submarine, research, and test reactors. The high-enrichment portion of the diffusion cascade was shut down in 1991. In 1954, the plant also began producing low-enriched uranium (which contains about three percent uranium-235 and ninety-seven percent uranium-238) for use as fuel by commercial nuclear power plants. In the early 1980's, a gas centrifuge uranium enrichment program was initiated at Portsmouth, however, this process was never fully implemented.

Only July 1, 1993, the U.S. Enrichment Corporation (USEC), a government-owned corporation formed under the Energy Policy Act of 1992, assumed control of the plant's production activities. Under USEC control, the plant continues to produce low-enriched uranium for commercial use. The Department of Energy maintains responsibility for addressing the environmental legacy left by historic plant operations.

CONTRACTORS: Lockheed Martin Energy Systems, Inc. (1986-1998); Goodyear Atomic Corporation (1956-1986)

CONTRACTORS: University of Chicago (1943-1945); Monsanto Chemical (1945-1947); Union Carbide and Carbon Corp. (1948-1984); Martin Marietta Energy Systems (1984-1994); Lockheed Martin Energy Research Corp. (1994-1998); UT Battelle (2000-present)

6 - Vitro Corporation of America (Tennessee)

Also Known As: Chattanooga site now owned by W.R. Grace Also Known As: Vitro Chemical is subsidiary of Vitro Corp.

Also Known As: Heavy Minerals Co. State: Tennessee Location: Chattanooga

Time Period: AWE 1957-uncertain; BE uncertain

Facility Type: Atomic Weapons Employer, Beryllium Vendor

Facility Description: Records indicate that "Vitro Corporation" of Chattanoga, TN performed some beryllium work for Y-12. A 1962 document also mentions that the AEC met with members of the beryllium industry, including representatives from "Vitro Chemical" (no address), but does not mention whether any contracts were involved in these discussions.

The original owner of this site was Heavy Metals Inc. and possessed an AEC license to process uranium and thorium products beginning as early as 1957. Documentation indicates that the company provided price quotes to the AEC for thorium products as early as 1954, but there is no indication that it received a contract for that work. Vitro Chemical of Chattanooga, TN, a subsidiary of Vitro Corporation, took over the site at the end of 1959 and was under contract to the AEC to produce thorium metal, thorium fluoride and thorium oxide. This site is now owned by W.R. Grace.

17 - Y-12 Plant

State: Tennessee Location: Oak Ridge

Time Period: 1942-present

Facility Type: Department of Energy

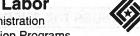
Facility Description: Built in a rural section of East Tennessee, the Y-12 National Security Complex, previously known as the Oak Ridge Y-12 Plant, was part of the Manhattan Project. Its job was to process uranium for the first atomic bomb. Construction of Y-12 started in February 1943; enriched uranium production started in November of the same year. Construction, however, was not entirely finished until 1945. The first site mission was the separation of uranium-235 from natural uranium by the electromagnetic separation process. The magnetic separators were taken out of commission at the end of 1946 when gaseous diffusion became the accepted process for enriching uranium.

Since World War II, the number of buildings at Y-12 has doubled. Its missions have included uranium enrichment, lithium enrichment, isotope separation and component fabircation. For more than 50 years, Y-12 has been one of the DOE weapons complex's premier manufacturing facilities. Every weapon in the stockpile has some components manufactured at the Y-12 National Security Complex.

The following pages show the Department of Labor/OWCP forms for the Energy Program.

Claimant Signature

U.S. Department of Labor



Occupational Illness Compe		Employment Standards Administration Office of Workers' Compensation Programs						
Provide all information requested below. DO NO voluntary. Failure to disclose this number will not re	T FILL IN SHADED AREAS. Disc esult in the denial of any right, benefit	closure of your social secur	rity number i	s OMB No	0.12/511	a fissa wye	i i	PARTE LINE
EMPLOYEE INFORMATION	and the second	6. 网络普鲁亚纳埃纳	n half ye	Party (A)	en la figur	建设在到地 位。	es integral	
1. Name (Last, First, Middle Initial)		2. Social	Security	Number		3. Sex	lale	Femal
Address (Street, Apt #, P.O. Box)	The Toy or Area	5. Date o		Year	6. Te	elephone)	Numb	er
(City, State, ZIP Code)	ne ne 188 november - An Statut	7. Depen	ndents	Child	Other_			
ILLNESS BEING CLAIMED					1000	37 (9) 1/3		
8. Identify Diagnosed Condition(s) Be	eing Claimed	to A II gonnécens	9. Date	e of Diag	nosis	FOR D	OL US	SE ONLY
\$			Month	Day	Year	ABST 1E A		PEGMEN
☐ Cancer S	Specify Type							
☐ Beryllium Sensitivity		In a supposed Toron Same		iene –	11111	INGLES OF	Rivil I	
☐ Chronic Beryllium Disease			e ligario	in Vetvil		mizgin	u⥒ γ	ci _s mledi
☐ Chronic Silicosis								
Other Lung Condition S	Specify Type		n Assault				(Decil	N.A. PERGE
☐ Renal Disease	Specify Type	eri i jingin	u/ulanij	582 - 90		1851840	a subje	Quigità de
EMPLOYMENT CLASSIFICATIO		3 < 0/38849 = 0.12.1.			No. A	WALES OF	- Stan	
This is defined as a privately-owned facility processed for use by the United States in (Excludes mining, milling, or transporting	the manufacture of atomic weapons.	en This is de	Im Worke fined as empl ation of uraniu	ovment activ	rity associat e in the mar	ed with the m nufacture of a	ining, mil tomic we	lling or apons.
SPECIAL EXPOSURE COHORT								
11. Prior to February 1, 1992, did you w	ork at a gaseous diffusion pla	ant in Paducah, Kentu	ıcky; Portsı	nouth, Of	nio; or Oa	k Ridge, T	ennes	see?
YES If yes, which site(s)						_	0	2.000
12. Prior to January 7, 1974, did you wo	rk at the Long Shot, Milrow, o	or Cannikin undergroui	nd nuclear	tests on	Amchitka	Island, Al	aska?	
YES If yes, which site(s)		of Tarrest Mile Wildows		are name		_	0	
13. Are you a member of a group added YES List group designation	to the Special Exposure Col				nan Servi	ces? _	0 [DON'T
RADIATION EXPOSURE COMPE	NSATION ACT AWAR	D & CIVIL LAWSU	JIT	To Asser	ech som	II.6V	S. III.23	M E
 Have you received an award lette Radiation Exposure Compensation 		15. Have you fi condition(s		lawsuit	regardin	g your cla	aimed	
YES If yes, submit a copy of you	r award letter NC	YES If y	yes, submit	a copy of	court do	cumentation	on [] NO
EMPLOYEE DECLARATION	- 1-41 - 12		#2					m bis
16. Any person who knowingly make								
to civil or administrative remedies by a fine or imprisonment or both	the EEOICPA or who know as well as felony criminal p	ingly accepts compe	ensation to	which the	hat perso	on is not e	entitled	is subje

Date_

Claim for Survivor Benefits under Energy Employees Occupational Illness Compensation Program Act

U.S. Department of Labor Employment Standards Administration



volu	vide all information requested below. Dintary. Failure to disclose this number will	not result in the denial of any right, b	enefit or privilege t	which you	may be entitled	is OMB N d. Expires		V	
SU	IRVIVOR INFORMATION			.1 = 1		7-70		E was syr	
1. 1	Name (Last, First, Middle Initial)			2. So	cial Securit	y Numb	er	3. Date	of Birth
4. /	Address (Street, Apt #, P.O. Box	OF THE RESULT OF THE STATE OF THE		idadi Hyko	Taria nago Seita peril		5. Sex	na mu	tale Fem
	(City, State, ZIP Code)		917 - xx		Par Series		6. Tele	ephone N)	umber –
7. \	What was your relationship to	the deceased employee at	the time of his	s/her dea	th? (Spous	e, depen	dent child	, grandpar	ent, sibling, etc
DE	CEASED EMPLOYEE INF	ORMATION	1.00	60	88 e 1/490		aliza i	- Sagini	
8. 1	Name (Last, First, Middle Initial)			9. Soc	cial Securit	y Numb	er	10. Sex	fale
11.	Date of Birth 12 Month Day Year	2. Date of Death Month Day Year	13. Was ar	OLY THE	performed dical facility		employe	e?	
14.	Identify Claimed Condition(s)	Present at Date of Death	Talm Ingasti	ب النص	15. Date	e of Diag	nosis	FOR D	OL USE ON
			L SAVILLE E		Month	Day	Year		
	Cancer	Specify Type		rw. Æj	of Extra	- 90	111.5	zyr siilke i	— Çirinzialli
	☐ Chronic Beryllium Disease	е			Tw 3		1.4		
	☐ Chronic Silicosis	n de l'occiffic de alt de	State Their	VAV	in Santa	lingint Ce	III II II II II	g way Sint	ardi estin
	Other Lung Condition	Specify Type					Tiw	fillew.	
	Renal Disease	Specify Type		1 74.0				. ž/k. v	
	the Department of Energy. Atomic Weapons Facilit This is defined as a privately-owned processed for use by the United Sta	facility in which radioactive material hates in the manufacture of atomic weap	as been	Urani This is d	n for sale or use um Worke efined as emple tation of uraniu	r cyment activ	vity associat	ed with the mi	ining, milling or tomic weapons.
	(Excludes mining, milling, or transpo		<u> </u>	THE .		8 - Jan 19	Hitte St	rit Ass	To mitality
	Prior to February 1, 1992, did the		diffusion plant	in Paduos	h Kantuala	Portom	outh Ohio	or Ook D	Cala Tanana
17.	YES If yes, which site(s)	e deceased work at a gaseous					Julii, Oili	, or Oak h	
18.	Prior to January 7, 1974, did the						r tests on		
	YES If yes, which site(s)						d min	_ N	
19.	Was the deceased a member of	a group added to the Specia	l Exposure Cor	ort by the	Departmen	nt of Heal	th and Hu	ıman Serv	rices? DON
	YES List group designation	THE PARTITION IT		wid adveli	itter Bitter	Mig I a		_ N	
RA	DIATION EXPOSURE CO	MPENSATION ACT AWA	ARD & LAW	SUIT	ii diliati		a da win	n ninhairis	andy Long
20.	Have you or the deceased re- the Radiation Exposure Com	ceived an award letter unde			ceased or		a civil lav	wsuit rega	ırding
	YES If yes, submit a copy of				d condition yes, submit		if court do	cumentatio	on NO
CII	RVIVOR DECLARATION	- your amain rollor.			yes, sasiiii	и сору с	- Court de	Carrieritatio	<i>y</i> 11
	Any person who knowingly memory compensation as provided un to civil or administrative reme by a fine or imprisonment or be Program Act and affirm that the	der the EEOICPA or who ki dies as well as felony crimit oth. I hereby make a claim f	nowingly acce nal prosecution or benefits un	pts comp n and ma der the Ei	ensation to ly, under ap nergy Emp	which to propriation to lovees' C	hat perse te crimin Occupation	on is not e al provisio onal Illnes	entitled is subj ons, be punish ss Compensat
	any other person, institution, of Labor, Office of Workers' C	corporation, or government	agency) to fu	rnish any	desired in	formatio	n to the	United St	ates Departm
	of Labor, Office of Workers C	ompensation Program.	THE RESERVE OF THE	69					

Employment History for Claim Under Energy Employees Occupational Illness Compensation Program Act

U.S. Department of Labor

Employment Standards Administration Office of Workers Compensation Programs



EMPLOYEE INFORMA	ATION		
Print Name		Social S	Security Number
Last	April Meegi Sport First	M.I.	
Former Name (i.e. maiden nam			ee Number(if known)
Tomor Hamo (no. maiden na.)	ionogai mano onangolomor,	Employ	oo ramborin known,
Last	First	M.I.	
	complete employment history of the employee nar If you require additional space to explain or clarify a		
EMPLOYER 1		ag Serving graphy of the executive by the serving serv	enter de entre en
Dates of Employment	Start Date / /	End Date	1 1
Describe all factor(s) believe	ed to have contributed to the development of t	the claimed illness. (N/	A for none)
Describe all factor(s) believe Was a dosimetry badge wor		the claimed illness. (N/	A for none)
Was a dosimetry badge wor		the claimed illness. (N/	A for none)
Was a dosimetry badge wor	n while employed?	the claimed illness. (N/	
Was a dosimetry badge wor YES Dosimetr EMPLOYER 2 Dates of Employment	rn while employed? y Badge Number Start Date / /	the claimed illness. (N/	
Was a dosimetry badge wor YES Dosimetr EMPLOYER 2 Dates of Employment	rn while employed? y Badge Number Start Date / / ocation where work was performed)		
Was a dosimetry badge wor YES Dosimetry EMPLOYER 2 Dates of Employment Employer (Name/Address/L Position Title & Description of	rn while employed? y Badge Number Start Date / / ocation where work was performed)	End Date	□ NO
Was a dosimetry badge wor YES Dosimetry EMPLOYER 2 Dates of Employment Employer (Name/Address/L Position Title & Description of	start Date / / ocation where work was performed) of Work Performed ed to have contributed to the development of t	End Date	□ NO

INSTRUCTIONS FOR COMPLETING FORM EE-3

This form is used to gather information regarding an Energy employees work history. If additional space is required, attach a supplemental statement to this form. YOU MAY USE AS MANY COPIES OF THE EE-3 FORM AS NECESSARY IN ORDER TO PROVIDE A COMPLETE EMPLOYMENT HISTORY FOR THE EMPLOYEE.

Dates of Employment

Beginning with the most recent period of employment and working backward, list the the period of employment for each job held.

Employer (Name/Address/Location where work was performed)

Identify the name, address or any other type of descriptive information regarding the employer for each period claimed. Contractor and subcontractors should list the name of the company that held contract with the United States government. In addition, identify the location where employment activities were conducted. This can include the name of the facility, site, laboratory, building, mine etc.

Position Title & Description of Work Performed

Identify the job title and the type of work activities performed during the listed period of employment.

Describe All Factors(s) Believed to have Contributed to the Development of the Claimed Illness.

Provide a brief statement explaining the date and circumstance of all factors believed to have contributed to the claimed illness.

Was a Dosimetry Badge Worn While Employed?

Indicate whether or not the employer required a dosimetry badge to be worn. If yes, provide the dosimetry badge identification number.

PRIVACY ACT

In accordance with the Privacy Act of 1974, as amended (5 U.S.C. 552a), you are hereby notified that: (1) The Energy Employees Occupational Illness Compensation Program Act (P.L. 106-398) (EEOICPA) is administered by the Office of Workers' Compensation Programs of the U.S. Department of Labor, which receives and maintains personal information on claimants and their immediate families. (2) Information which the Office has will be used to determine eligibility for, and the amount of, benefits payable under the EEOICPA, and may be verified through computer matches or other appropriate means. (3) Information may be given to the Federal agencies or private entities which employed the claimant at the time of injury in order to verify statements made, answer questions concerning the status of the claim, verify billing, and to consider other relevant matters. (4) Information may be disclosed to physicians and other health care providers for use in providing treatment or medical rehabilitation, making evaluations for the Office and for other purposes related to the medical management of the claim. (5) Information may be given to Federal, state, and local agencies for law enforcement purposes, to obtain information relevant to a decision under the EEOICPA, to determine whether benefits are being paid properly, including whether prohibited payments have been made, and, where appropriate, to pursue salary/administrative offset and debt collections actions required or permitted by the Debt Collection Act. (6) Failure to disclose all requested information may delay the processing of the claim or the payment of benefits, or may result in an unfavorable decision. This notice applies to all forms requesting information that you might receive from the Office in connection with the processing and adjudication of the claim you filed under the EEOICPA.

PUBLIC BURDEN STATEMENT

Public reporting burden for this collection of information is estimated to average 1 hour per response, including time for reviewing instructions, searching existing data sources, gathering data needed, and completing and reviewing the collection of information. If you have any comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, sent them to the Office of Workers' Compensation Programs, U.S. Department of Labor, Room S3524, 200 Constitution Avenue, N.W., Washington, D.C. 20210. Do not submit the completed claim to this address. Completed claims are to be submitted to the appropriate regional District Office of Workers' Compensation Programs. Persons are not required to respond to this information collection unless it displays a currently valid OMB number.

imployment History Affidavit for Claim Under the Energy Employees Occupational Ulness Compensation Program Act

U.S. Department of Labor Employment Standards Administration Office of Workers Compensation Programs



Note: This form is used to affirm the designated illness as a result of their duty for the Department of Energy ar RESPONSE IN SHADED AREAS. Ethis number will not result in the deni	exposure to radiation ad certain of its vendo disclosure of a social s	, berylliun rs, contrac security no	n, or silica while ctors, and subco umber is volunta	in the performance of ontractors. PROVIDE ary. Failure to disclose	OMB No.: Expires:
1. NAME OF THE PERSO	N COMPLETING	3 AFFI	DAVIT:		The fail with administration
a.) Print Full Name	· · · · · · · · · · · · · · · · · · ·				
b.) Street Address	SANT SWITTENS			VITA- ANT	त्रिक्षा का जिल्लाहरू है। जिल्लाहरू का उन्हेंग्र १९८८ - १ हो है १९८८ - असे प्राप्त के असे का जाने
c.) City, State, Zip Code	thei				Mari ou de le sessi
2. AFFIRMING THE EMPL	OYMENT HIST	ORY O	F THE FOLI	LOWING PERSON	:
a.) Print Full Name					CLYSIA (45 mins
b.) Maiden/Former Name					
c.) Social Security Number (Optional)					Estina variations paspiral in Estina si
3. RELATIONSHIP BETWI	EEN THE TWO	NDIVI	DUALS NAI	MED ABOVE:	9 9 9
Spouse	Son/Daughter		Paren	t assigned G	randparent
Friend L	☐ Work Associate		Other	2	Saple of the sape 3
4. EMPLOYMENT HISTOF	RY OF THE PER	SON N	AMED IN IT	TEM 2a:	n 1998 argisal windy
In chronological order, startin history of the person named i location of the employer.	_	•	, ,		
		EMPL	OYER 1		
Dates of Employment	Start Date	1	1	End Date	
Employer name and work site location	me 6 1 Administration				
Describe the type of work performed	majeta ilio ilio ilio Tipo per esta contra		y v Meder		m discourse makin m discourse makin museum sunschie
Explain how you know the person named in 2a worked for this employer		- ><	-		z Tiemin

FORM EE-4

This form is used to affirm the employment history of a living or deceased energy employee. It may be completed by anyone who has knowledge of the employment activities of an energy employee. Use as many EE-4 forms as needed. If you require additional space to provide comments, attach a signed supplemental statement.

PRIVACY ACT

In accordance with the Privacy Act of 1974, as amended (5 U.S.C. 552a), you are hereby notified that: (1) The Energy Employees Occupational Illness Compensation Program Act (P.L. 106-398) (EEOICPA) is administered by the Office of Workers' Compensation Programs of the U.S. Department of Labor, which receives and maintains personal information on claimants and their immediate families. (2) Information which the Office has will be used to determine eligibility for, and the amount of, benefits payable under the EEOICPA, and may be verified through computer matches or other appropriate means. (3) Information may be given to the Federal agencies or private entities which employed the claimant at the time of injury in order to verify statements made, answer questions concerning the status of the claim, verify billing, and to consider other relevant matters. (4) Information may be disclosed to physicians and other health care providers for use in providing treatment or medical rehabilitation, making evaluations for the Office and for other purposes related to the medical management of the claim. (5) Information may be given to Federal, state, and local agencies for law enforcement purposes, to obtain information relevant to a decision under the EEOICPA, to determine whether benefits are being paid properly, including whether prohibited payments have been made, and, where appropriate, to pursue salary/administrative offset and debt collections actions required or permitted by the Debt Collection Act. (6) Failure to disclose all requested information may delay the processing of the claim or the payment of benefits, or may result in an unfavorable decision. This notice applies to all forms requesting information that you might receive from the Office in connection with the processing and adjudication of the claim you filed under the EEOICPA.

PUBLIC BURDEN STATEMENT

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instructions, searching existing data sources, gathering data needed, and completing and reviewing the collection of information. If you have any comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, sent them to the Office of Workers' Compensation Programs, U.S. Department of Labor, Room S3524, 200 Constitution Avenue, N.W., Washington, D.C. 20210. Do not submit the completed claim to this address. Completed claims are to be submitted to the appropriate regional District Office of Workers' Compensation Programs.

Department of Energy's Response to Employment History for Claim Under the Energy Employees Occupational Illness Compensation Program Act

U.S. Department of Labor

Employment Standards Administration
Office of Workers Compensation Programs



This form is to be used by the Department of Energy to verify the employment history of an individual named in a claim for compensation under the Energy Employees Occupational Illness Compensation Program Act (EEOICPA). The completed form along with any attachments should be submitted to the appropriate District Office of Workers' Compensation.

INDIVIDUAL NAMED AS ENERGY EMPLOYEE

Social Security Number	Date of Birth / /
Name	
Maiden/Former Name	
Street/P.O. Box/Apt No.	
City/State/Zip Code	,
EMPLOYMENT VERIFICATION BY DEPAR	TMENT OF ENERGY
its vendors, contractors or subcontractors. In order to Department of Energy needs to review the employment of Energy needs to review the employment of Energy is accurate and of the Energy is accurate, but the is relevant to the claim. (Attach a statement of Energy's position and any incomplete the Energy's position and an	he Department of Energy has additional employment information that ent summarizing the new information and any pertinent documentation) tion that is not accurate. (Attach a statement explaining the
DEPARTMENT OF ENERGY REPRESENA	TIVE SIGNATURE
Print Name	
Agency Address	
	и п
Telephone	
Signature	Date

Medical Requirements under the Energy Employees Occupational Illness Compensation Program Act (EEOICPA)

U.S. Department of Labor

Employment Standards Administration Office of Workers' Compensation Programs



OMB No.: Expires:

The information in this document is intended to inform an employee, survivor or physician of the medical evidence necessary to establish a diagnosis of the following conditions under the EEOICPA: **Beryllium Sensitivity, Chronic Beryllium Disease, Chronic Silicosis and Cancer**. Medical evidence may include narrative reports, physician notes, diagnostic test results, imaging studies, laboratory work-ups, pathology reports, operative reports, pulmonary function assessments, autopsy evaluations, death certificates, etc. The completed medical report package should be submitted to the appropriate District Office. Decisions regarding coverage under the EEOICPA are contingent on the submission of appropriate medical and factual evidence. This form provides information regarding medical requirements only. Maintain a copy of all documents for your records.

GENERAL REQUIREMENTS

Any claim filed under the EEOICPA has to include a medical report(s) providing:

- · A history of the illness or condition
- · A physical examination and its findings
- · The clinical laboratory tests performed and discussion of the results
- · A diagnosis (ICD-9 coded, if possible) and the date when it was first documented

REQUIREMENTS FOR A DIAGNOSIS OF BERYLLIUM SENSITIVITY

Abnormal Beryllium Lymphocyte Proliferation Test (LPT) that has been performed on the blood or lung lavage cells

REQUIREMENTS FOR A DIAGNOSIS OF CHRONIC BERYLLIUM DISEASE

If the initial date of diagnosis was made **on or after January 1, 1993**, medical documentation must include an Abnormal Beryllium Lymphocyte Proliferation Test (LPT) and one or more of the following:

- · Lung biopsy showing a process consistent with chronic beryllium disease
- A computerized axial tomography scan showing changes consistent with chronic beryllium disease
- A pulmonary function study or exercise tolerance test showing pulmonary deficits consistent with chronic beryllium disease

If the initial date of diagnois was made **before January 1, 1993**, medical documenation must include at least three or more of the following:

- · Characteristic chest radiograph or computed tomography denoting abnormalities
- A restrictive or obstructive lung physiology test or diffusion lung capacity defect
- Lung pathology consistent with chronic beryllium disease
- · Clinical course consistent with chronic respiratory disease disorder
- Immunologic tests showing beryllium sensitivity (skin patch test or beryllium test)

REQUIREMENTS FOR A DIAGNOSIS OF CHRONIC SILICOSIS

One or more of the following:

- A chest radiograph, interpreted by a National Institute for Occupational Safety and Health certified B reader, confirming the existence of pneumoconiosis with a 1/1 ILO category or higher
- · Results from a computer-assisted tomograph or other imaging technique consistent with silicosis
- · A lung biopsy consistent with silicosis

REQUIREMENTS FOR A DIAGNOSIS OF CANCER

- The pathology report(s) (e.g. tissue biopsy or blood test) that forms the basis for the diagnosis of cancer and identifies the malignant neoplasm present
- A narrative report that addresses whether there are metastases present and the affected anatomic sites, as well as the presence
 of any cancer-related syndromes or other complications

Public Burden Statement

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering data needed, and completing and reviewing the collection of information. If you have any comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, send them to the Office of Workers' Compensation Programs, U.S. Department of Labor, Room S3524, 200 Constitution Avenue, N.W., Washington, D.C. 20210. Do not submit the completed claim to this address. Completed claims are to be submitted to the appropriate regional District Office of Workers' Compensation Programs.

A CONTRACT

DOSE RECONSTRUCTION CONSENT FORM

United States Department of Labor Employment Standards Administration Office of Workers' Compensation Programs

CLAIMANT INFOR	MAILUN		The same of the sa
1. Claimant Name			2. EEOICPA File Number
The second secon			776 - 25 - 177 - 178 - 1
	en periodo de la composição de la compos		
Last 3. Address	First	M.I.	4. Social Security Number
J. Address	<u>gastesion (eug) E</u>		- Journal Security Runner
			are Office of Loriner Source had been from
Street/D.O. Boy/Ant #		Sund Sign Signal Signal (1)	E Tolohom Nivelia
Street/P.O. Box/Apt #	State of the later of the same	Mac Adamient It &	5. Telephone Number
			mil afti is manifely effiliely sensitively elleng
			Bull of the market man and the first more department.
City (2)	State	Zip Code	IN SUPPLIES OF THE CONTROL OF THE CO
ne _l			그러지 그 아이트 그는 그는 그는 그를 하는데 보다 되는데 내가 있다. 그 그릇이 있다고 가장하는 것 같아 있다면 하셨습니다. 그리고 그릇이 되었다.
6. Please attach to Human Services. I an explanation for	this form a copy of the thick that the thick t	an one calendar yea your consent.	tion issued by the Department of Health are since the date of issuance, please provid
6. Please attach to Human Services. 1 an explanation for	this form a copy of this form a copy of the thing the thing the delay in making the delay in making the thing the th	an one calendar yea	or since the date of issuance, please provided
6. Please attach to Human Services. 1 an explanation for	this form a copy of this form a copy of the thing the thing the delay in making the delay in making the thing the th	an one calendar yea	er since the date of issuance, please provided the control of the
6. Please attach to Human Services. 1 an explanation for	o this form a copy of the thick the	an one calendar yea	ar since the date of issuance, please provided the provided to the provided the provided to th
6. Please attach to Human Services. 1 an explanation for	o this form a copy of the thick the	an one calendar yea	er since the date of issuance, please provided the control of the
Human Services. I an explanation for	this form a copy of the has been more the the delay in making the	an one calendar yea	ar since the date of issuance, please provided the provided by
6. Please attach to Human Services. 1 an explanation for	this form a copy of the has been more the the delay in making the	an one calendar yea	ar since the date of issuance, please provided to the provided of the provided
6. Please attach to Human Services. I an explanation for	this form a copy of the has been more the the delay in making the	an one calendar yea	ar since the date of issuance, please provided to the provided of the provided

Claim for Medical Reimbursement Under Energy Employees Occupational Illness Compensation Program Act

U.S. Department of Labor

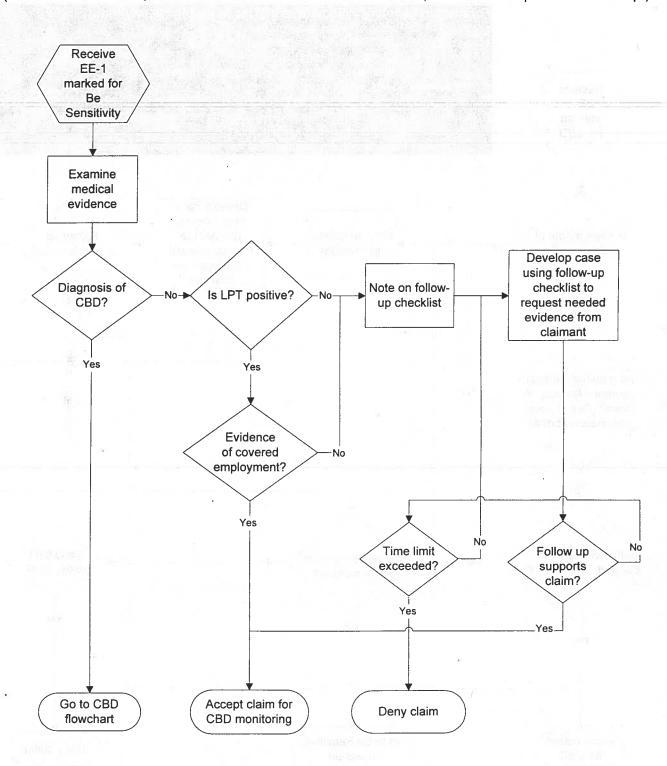
Employment Standards Administration
Office of Workers Compensation Programs



cone Number () OOL USE ONL incurred. (A second pair and by aimant	LY eparate EE-91	5 must be
OOL USE ONL	eparate EE-91 Have you inc	cluded Proof o
OOL USE ONL	eparate EE-91 Have you inc	cluded Proof o
OOL USE ONL	eparate EE-91 Have you inc	cluded Proof
incurred. (A se	eparate EE-91 Have you inc	cluded Proof
incurred. (A se	eparate EE-91 Have you inc	cluded Proof
incurred. (A se	eparate EE-91 Have you inc Payment fo	cluded Proof
incurred. (A se	eparate EE-91 Have you inc Payment fo	cluded Proof
nt Paid by	Have you inc Payment fo	cluded Proof
nt Paid by	Have you inc Payment fo	cluded Proof
	YES	
	,	NO
Pravisci isoloji		
Golden The local	Brown 181	ATIME
TT 518-201 TO	Erun (1) stein	11111
r-ug pentanile	gord or griph	
48		
	☐ fiet	n k lig
mbursement		- Harasa Mil
Skeett	2501	
•	nses paid by ment or misrepr	mbursement Inses paid by me for the treatment or misrepresentation to o

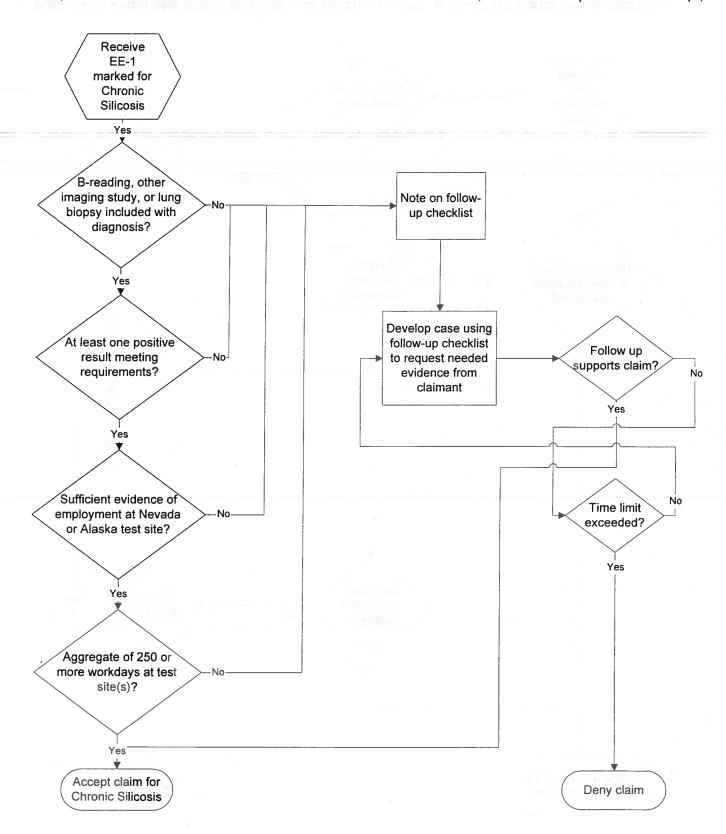
Steps for Processing Beryllium Sensitivity Claims

(Process for claimant, NOT survivor. Survivor claims are similar, but must also prove relationship.)



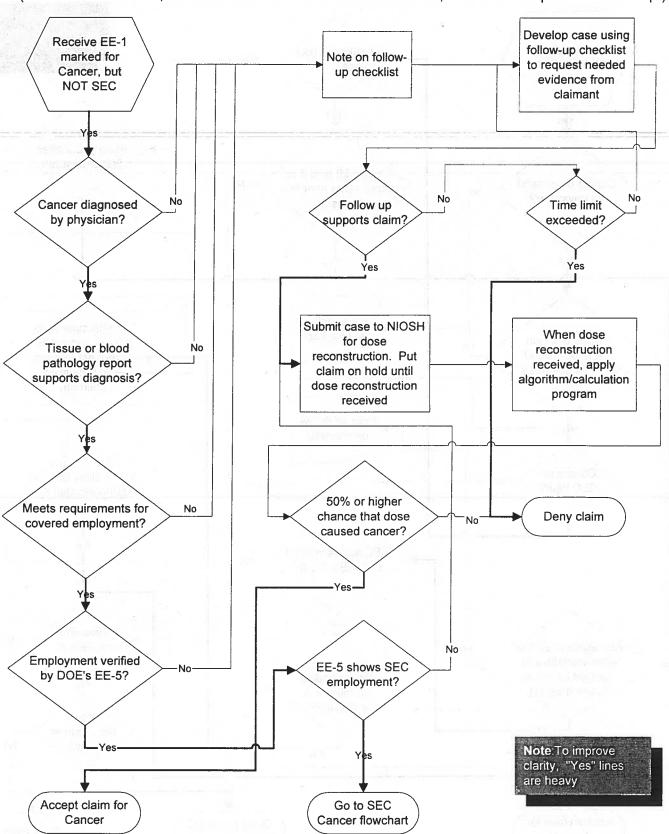
Steps for Processing Chronic Silicosis Claims

(Process for claimant, NOT survivor. Survivor claims are similar, but must also prove relationship.)



Steps for Processing Non-SEC Cancer Claims

(Process for claimant, NOT survivor. Survivor claims are similar, but must also prove relationship.)



	5					
200.3			,			
#FFF						
				C		
#T0			()			
F1						
en.						
		æ				
B						
U.						
П						
					**	
ET.						
П						
A						
n.		4				
П						
H						
f						
L						
fl.						
U						